

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062842.D
 Acq On : 4 Jun 2019 16:46
 Operator : FY/SY
 Sample : K3174-02
 Misc : 4.95g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 05 05:22:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	3744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.71	114	303	50.00	ug/l	-0.10
63) Chlorobenzene-d5	9.77	117	198	50.00	ug/l	-0.16
72) 1,4-Dichlorobenzene-d4	12.63	152	338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.07	65	315	12.17	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	24.34%	
35) Dibromofluoromethane	4.26	113	449	196.10	ug/l	-0.08
Spiked Amount				50.000		
			Recovery	=	392.20%	
50) Toluene-d8	7.74	98	1313	226.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	453.54%	
62) 4-Bromofluorobenzene	11.33	95	639	306.81	ug/l	-0.18
Spiked Amount				50.000		
			Recovery	=	613.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.95	85	148	Below Cal		86
3) Chloromethane	1.29	50	1002	25.865	ug/l	93
4) Vinyl Chloride	1.07	62	425	11.040	ug/l	92
5) Bromomethane	1.49	94	107	4.874	ug/l	88
6) Chloroethane	1.47	64	367	25.498	ug/l #	59
7) Trichlorofluoromethane	1.61	101	81	1.486	ug/l #	16
8) Diethyl Ether	1.73	74	658	61.368	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	1.94	101	148	4.319	ug/l #	19
11) Tert butyl alcohol	2.71	59	360	229.535	ug/l #	70
12) 1,1-Dichloroethene	1.89	96	681	21.888	ug/l #	1
13) Acrolein	2.14	56	421	686.199	ug/l #	82
14) Allvl chloride	2.20	41	386	15.992	ug/l #	74
15) Acrylonitrile	3.13	53	393	66.685	ug/l	94
16) Acetone	2.35	43	427	72.060	ug/l #	52
17) Carbon Disulfide	1.92	76	436	4.795	ug/l #	69
18) Methyl Acetate	2.39	43	469	45.292	ug/l	97
19) Methyl tert-butyl Ether	2.58	73	932	16.534	ug/l #	81
20) Methylene Chloride	2.35	84	75	Below Cal	#	37
21) trans-1,2-Dichloroethene	2.47	96	901	28.883	ug/l #	40
22) Diisopropyl ether	2.95	45	1466	21.378	ug/l #	84
23) Vinyl Acetate	3.38	43	1207	25.710	ug/l #	62
24) 1,1-Dichloroethane	3.02	63	104	2.031	ug/l #	1
25) 2-Butanone	4.53	43	1926	139.571	ug/l	91
26) 2,2-Dichloropropane	3.81	77	1039	35.738	ug/l	89
27) cis-1,2-Dichloroethene	3.66	96	292	5.569	ug/l	31
28) Bromochloromethane	3.83	49	77	2.765	ug/l	98
29) Tetrahydrofuran	4.31	42	1531	290.077	ug/l #	36
30) Chloroform	4.13	83	348	4.822	ug/l #	15
31) Cyclohexane	3.89	56	342	4.934	ug/l #	45
32) 1,1,1-Trichloroethane	4.32	97	127	3.023	ug/l #	1
36) 1,1-Dichloropropene	4.44	75	106	38.001	ug/l #	1
37) Ethyl Acetate	4.27	43	694	650.858	ug/l #	52
38) Carbon Tetrachloride	4.11	117	231	122.535	ug/l #	1
39) Methylcyclohexane	5.56	83	111	31.973	ug/l #	2

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.76	78	166	20.448	ug/l #	1
41) Methacrylonitrile	4.85	41	384	647.805	ug/l #	29
42) 1,2-Dichloroethane	5.11	62	146	94.559	ug/l	69
43) Isopropyl Acetate	6.98	43	876	621.906	ug/l #	38
44) Trichloroethene	5.62	130	228	99.514	ug/l	3
45) 1,2-Dichloropropane	6.34	63	131	64.303	ug/l #	44
46) Dibromomethane	6.19	93	132	110.979	ug/l #	14
47) Bromodichloromethane	6.50	83	320	132.105	ug/l #	11
48) Methyl methacrylate	6.80	41	1166	1606.217	ug/l #	45
49) 1,4-Dioxane	7.12	88	170	17766.509	ug/l	91
51) 4-Methyl-2-Pentanone	8.30	43	761	756.734	ug/l #	56
52) Toluene	7.71	92	106	24.242	ug/l #	56
53) t-1,3-Dichloropropene	8.26	75	559	278.490	ug/l	89
54) cis-1,3-Dichloropropene	7.41	75	499	171.741	ug/l	94
55) 1,1,2-Trichloroethane	8.52	97	384	293.963	ug/l #	31
56) Ethyl methacrylate	8.64	69	381	271.830	ug/l #	56
57) 1,3-Dichloropropane	8.78	76	173	81.099	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.36	63	75	153.109	ug/l #	51
59) 2-Hexanone	9.48	43	954	1330.941	ug/l #	22
60) Dibromochloromethane	8.57	129	118	72.963	ug/l	77
61) 1,2-Dibromoethane	9.02	107	204	150.370	ug/l #	40
64) Tetrachloroethene	8.32	164	167	109.759	ug/l #	71
65) Chlorobenzene	9.95	112	234	61.197	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.08	131	131	86.025	ug/l #	6
67) Ethyl Benzene	10.09	91	945	144.020	ug/l	94
68) m/p-Xylenes	10.31	106	434	172.847	ug/l #	1
69) o-Xylene	10.82	106	367	144.364	ug/l #	1
70) Stvrene	10.89	104	360	96.076	ug/l #	67
71) Bromoform	10.96	173	70	95.822	ug/l #	28
73) Isopropylbenzene	11.23	105	298	12.636	ug/l #	44
74) N-amyl acetate	11.42	43	621	93.425	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.79	83	409	81.208	ug/l #	25
76) 1,2,3-Trichloropropane	11.89	75	308	92.258	ug/l #	66
77) Bromobenzene	11.55	156	439	74.083	ug/l #	1
78) n-propylbenzene	11.69	91	196	6.883	ug/l #	49
79) 2-Chlorotoluene	11.65	91	128	7.856	ug/l	71
80) 1,3,5-Trimethylbenzene	11.91	105	72	3.733	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.96	75	176	124.522	ug/l #	35
82) 4-Chlorotoluene	11.97	91	261	16.299	ug/l	83
83) tert-Butylbenzene	12.20	119	76	3.977	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.23	105	109	5.961	ug/l	79
85) sec-Butylbenzene	12.41	105	277	11.000	ug/l #	1
86) p-Isopropyltoluene	12.52	119	264	12.595	ug/l #	26
87) 1,3-Dichlorobenzene	12.60	146	77	7.368	ug/l #	23
88) 1,4-Dichlorobenzene	12.60	146	77	7.895	ug/l #	23
89) n-Butylbenzene	12.89	91	687	32.583	ug/l #	57
90) Hexachloroethane	12.97	117	189	36.970	ug/l	71
91) 1,2-Dichlorobenzene	13.03	146	147	16.003	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.71	75	316	575.899	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.20	180	88	13.953	ug/l #	6

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Response via : Initial Calibration

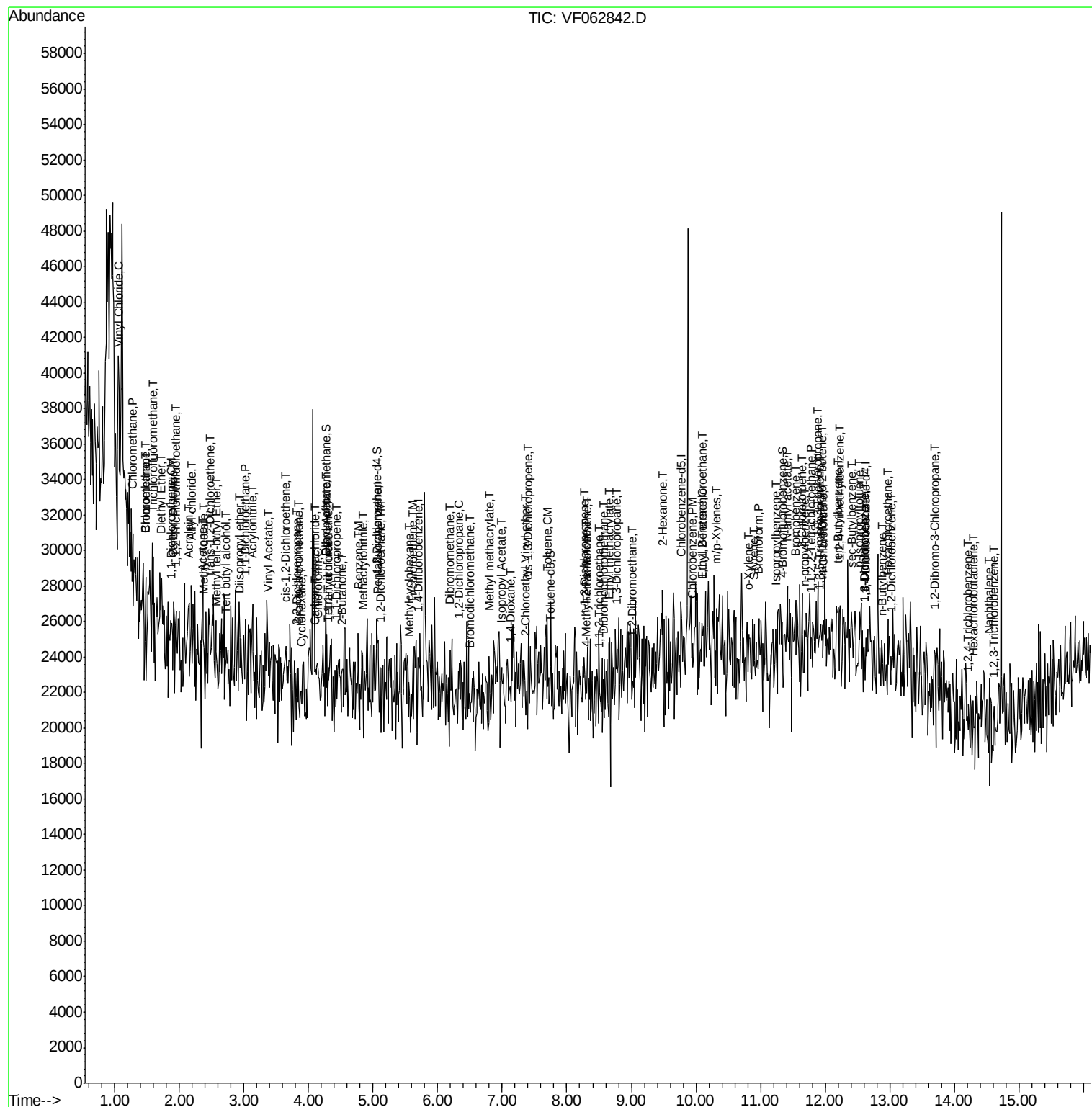
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.29	225	68	15.585	ug/l #	37
95) Naphthalene	14.54	128	126	12.194	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.60	180	66	11.464	ug/l #	11

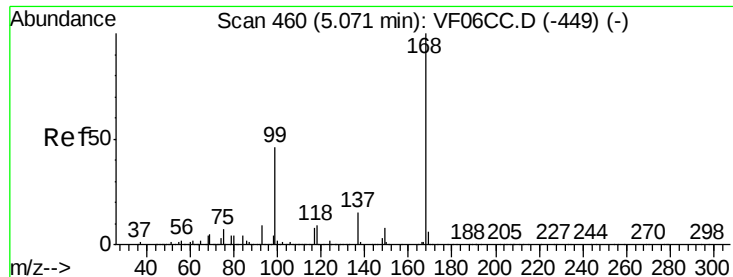
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

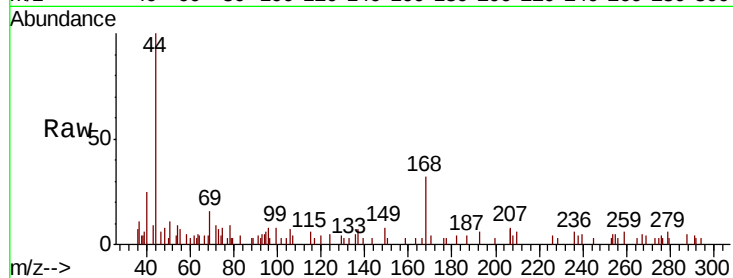
ClientSampled :

Tot Ion:168 Resp: 3744

Ion Ratio Lower Upper

168 100

99 25.1 39.1 58.7#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

1500

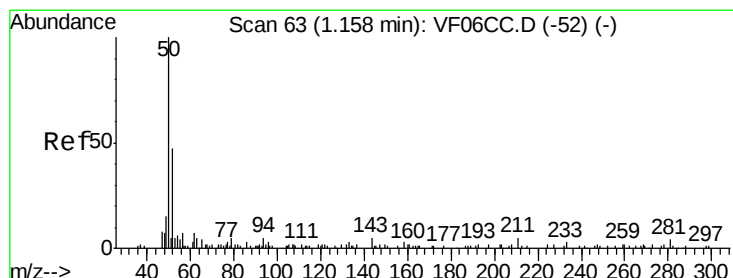
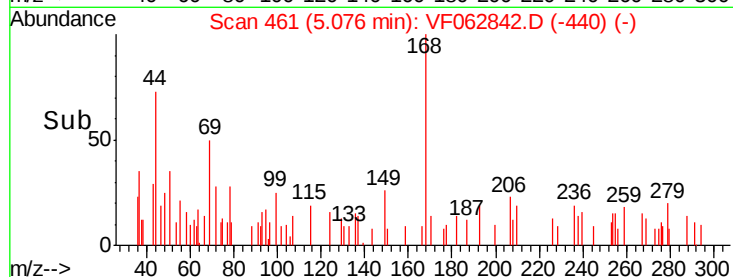
1000

500

0

4.95 5.00 5.05 5.10 5.15

Time-->



#3

Chloromethane

Concen: 25.865 ug/l

RT: 1.29 min Scan# 77

Delta R.T. 0.14 min

Lab File: VF062842.D

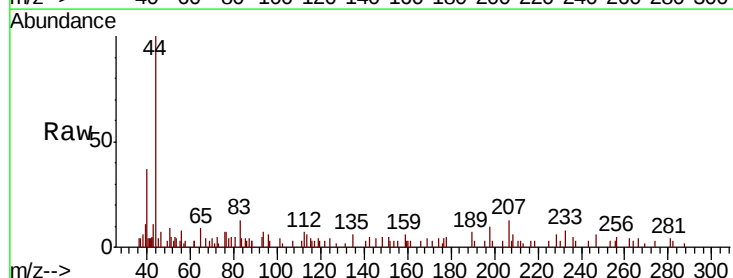
Acq: 4 Jun 2019 16:46

Tgt Ion: 50 Resp: 1002

Ion Ratio Lower Upper

50 100

52 29.5 27.0 40.4



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

500

400

300

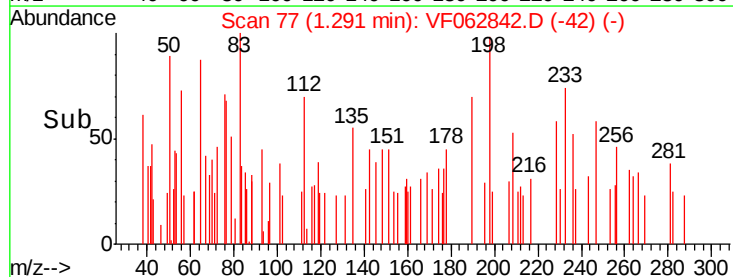
200

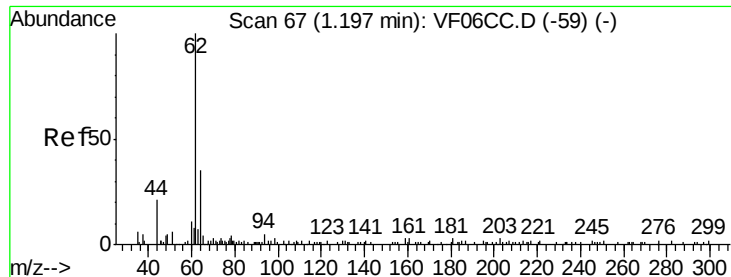
100

0

1.20 1.25 1.30

Time-->





#4

Vinyl Chloride

Concen: 11.040 ug/l

RT: 1.07 min Scan# 55

Delta R.T. -0.13 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

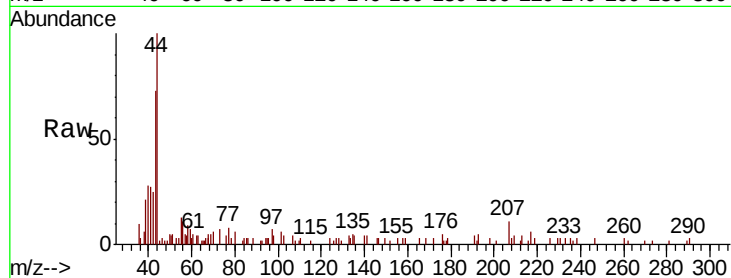
ClientSampled :

Tot Ion: 62 Resp: 425

Ion Ratio Lower Upper

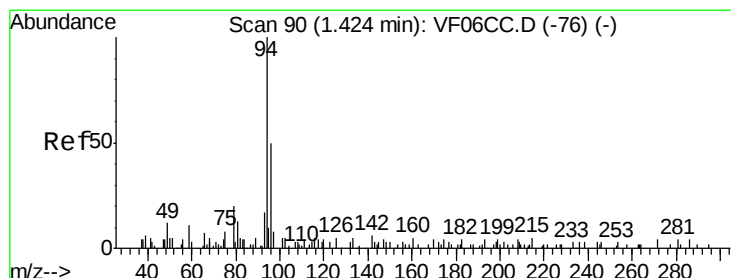
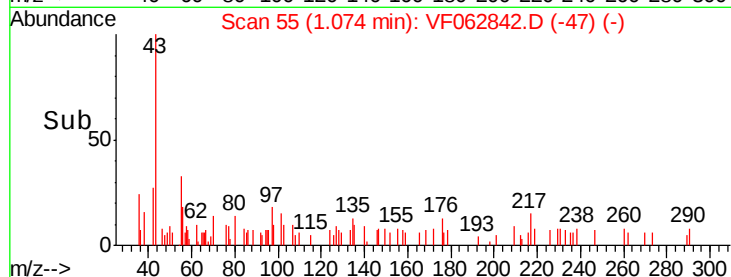
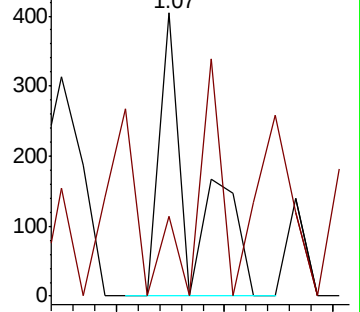
62 100

64 28.2 26.2 39.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0



#5

Bromomethane

Concen: 4.874 ug/l

RT: 1.49 min Scan# 97

Delta R.T. 0.08 min

Lab File: VF062842.D

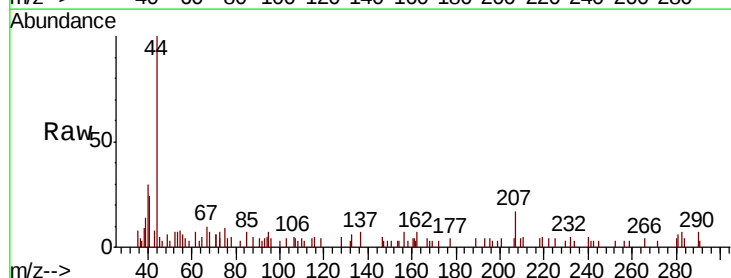
Acq: 4 Jun 2019 16:46

Tgt Ion: 94 Resp: 107

Ion Ratio Lower Upper

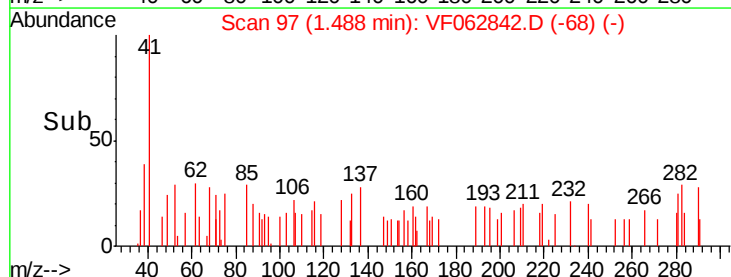
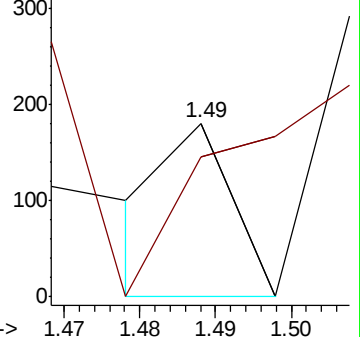
94 100

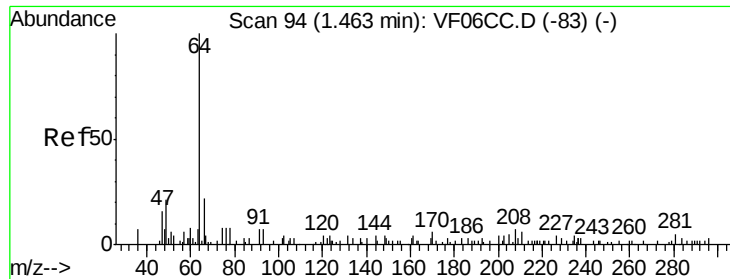
96 80.7 73.8 110.6



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 25.498 ug/l

RT: 1.47 min Scan# 95

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

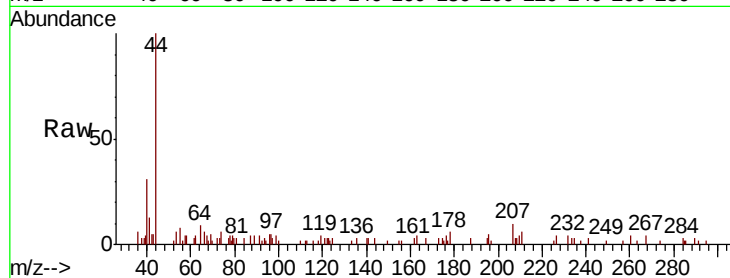
ClientSampleId :

Tot Ion: 64 Resp: 367

Ion Ratio Lower Upper

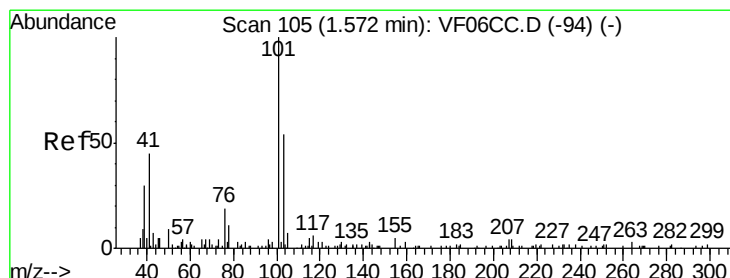
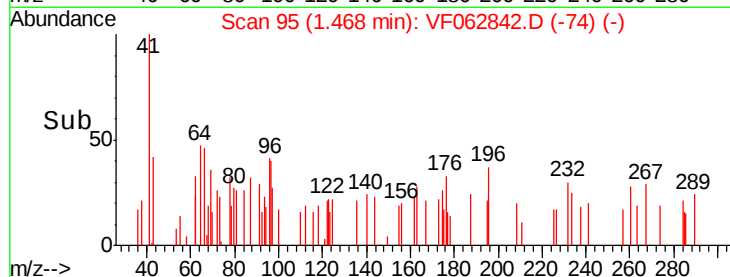
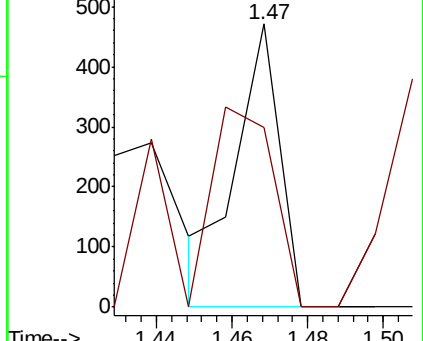
64 100

66 63.5 31.0 46.4#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



#7

Trichlorofluoromethane

Concen: 1.486 ug/l

RT: 1.61 min Scan# 109

Delta R.T. 0.03 min

Lab File: VF062842.D

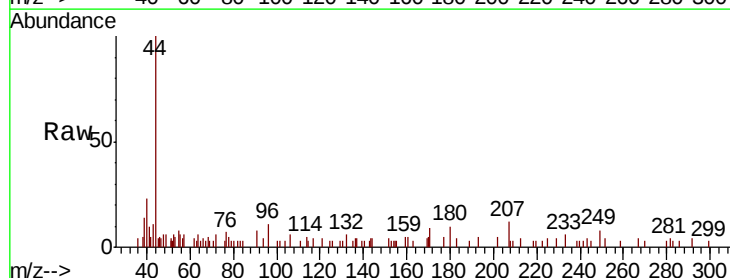
Acq: 4 Jun 2019 16:46

Tgt Ion: 101 Resp: 81

Ion Ratio Lower Upper

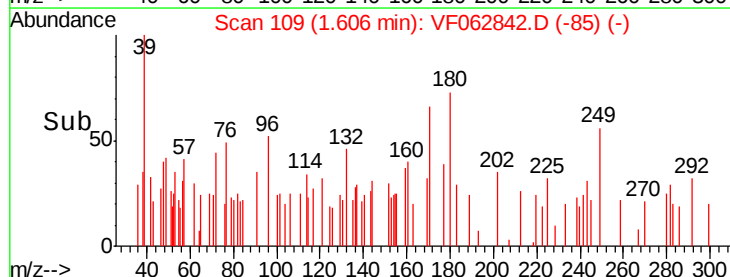
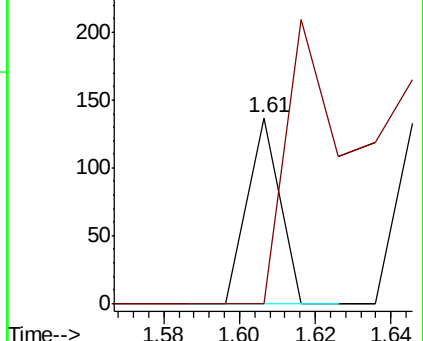
101 100

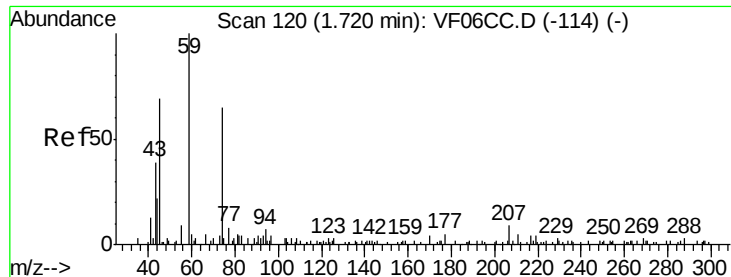
103 0.0 54.6 82.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

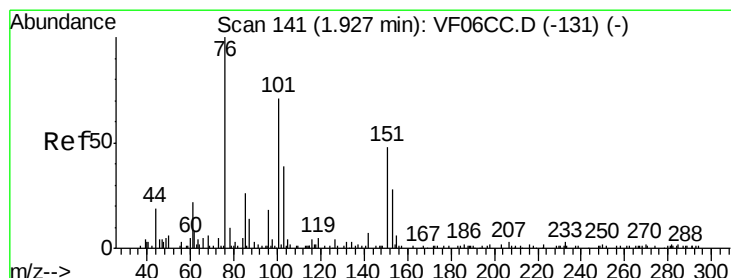
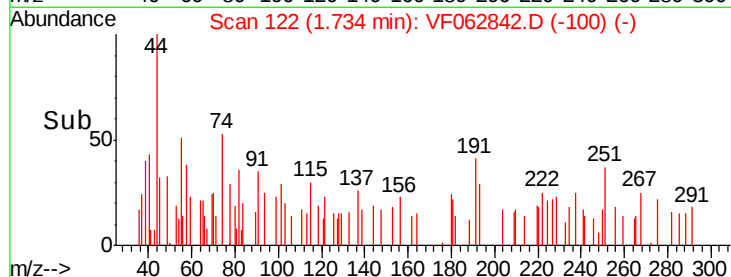
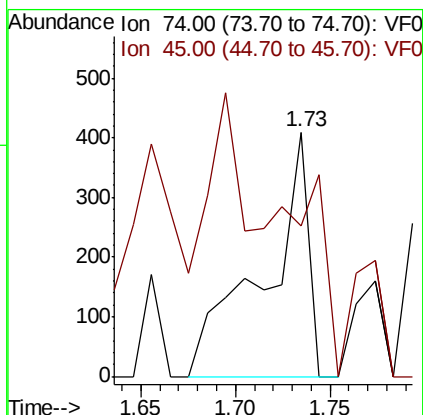
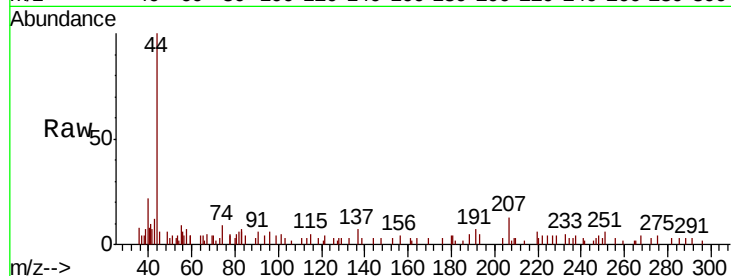




#8
Diethyl Ether
Concen: 61.368 ug/l
RT: 1.73 min Scan# 122
Delta R.T. 0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

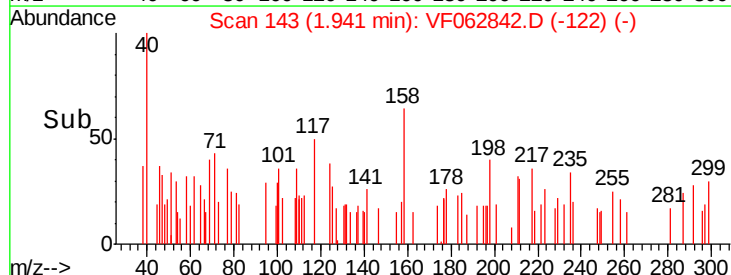
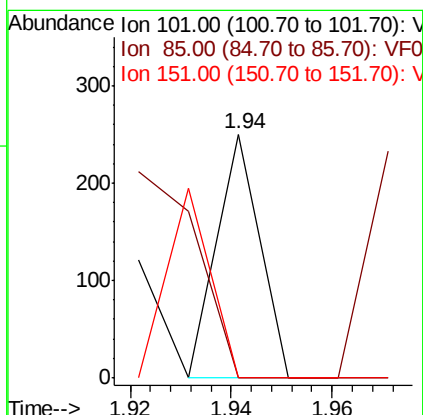
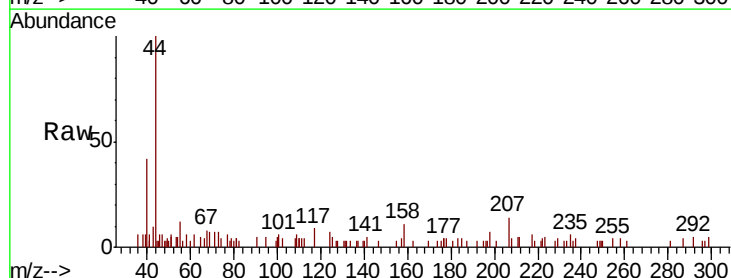
Instrument :
MSVOA_F
ClientSampleId :

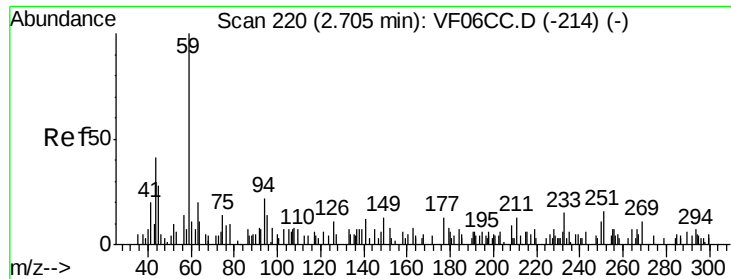
Tot Ion: 74 Resp: 658
Ion Ratio Lower Upper
74 100
45 61.5 47.5 142.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.319 ug/l
RT: 1.94 min Scan# 143
Delta R.T. 0.00 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 101 Resp: 148
Ion Ratio Lower Upper
101 100
85 0.0 37.1 55.7#
151 0.0 60.3 90.5#



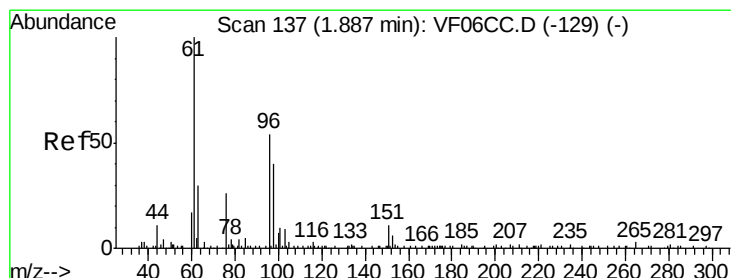
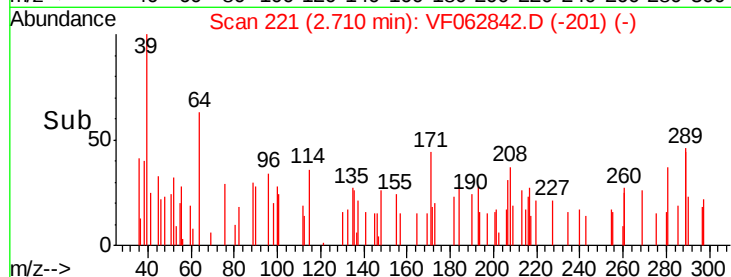
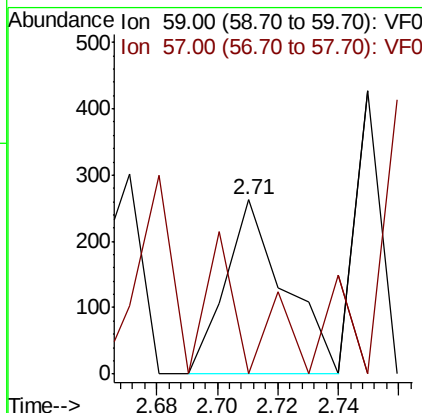
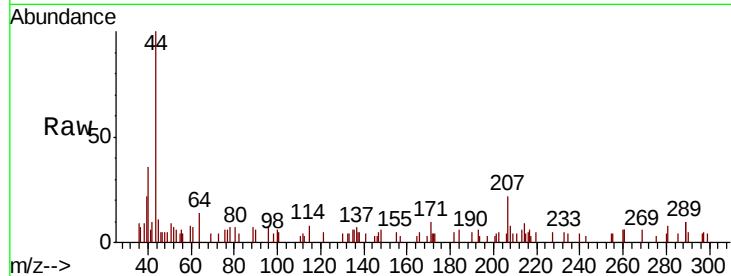


#11

Tert butyl alcohol
Concen: 229.535 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

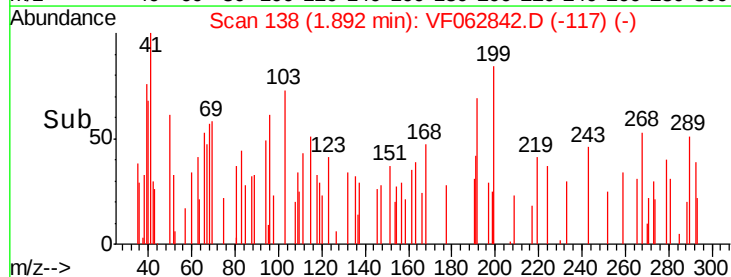
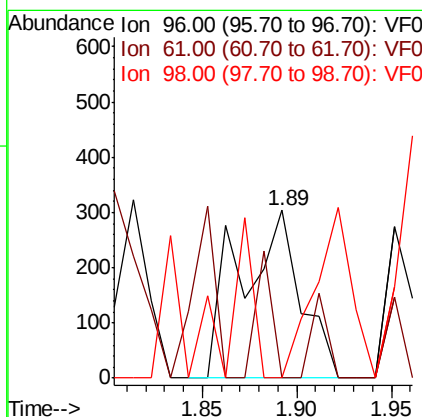
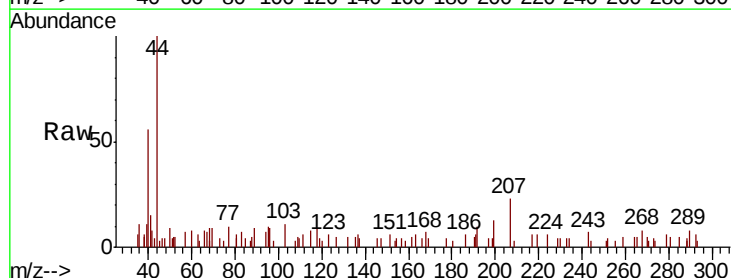
Tot Ion: 59 Resp: 360
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

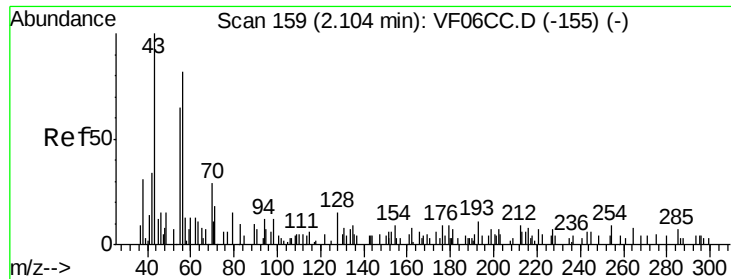


#12

1,1-Dichloroethene
Concen: 21.888 ug/l
RT: 1.89 min Scan# 138
Delta R.T. 0.00 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 96 Resp: 681
Ion Ratio Lower Upper
96 100
61 0.0 139.4 209.2#
98 0.0 50.3 75.5#





#13

Acrolein

Concen: 686.199 ug/l

RT: 2.14 min Scan# 163

Delta R.T. 0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

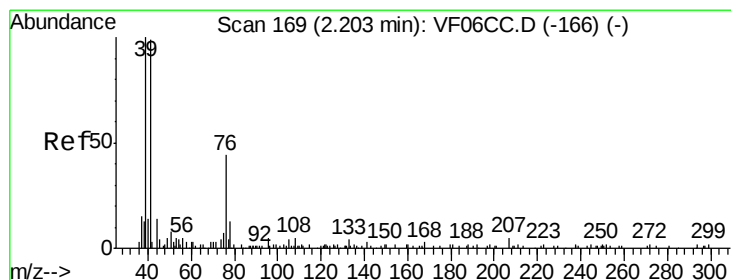
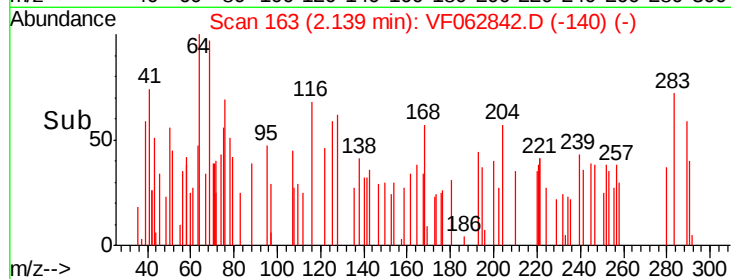
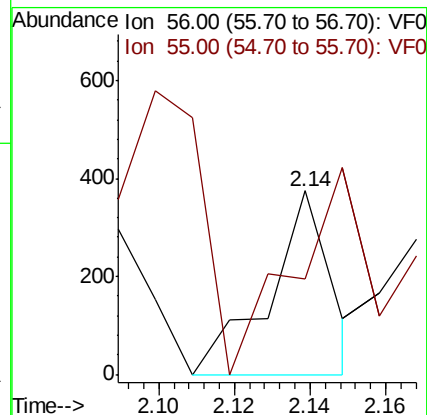
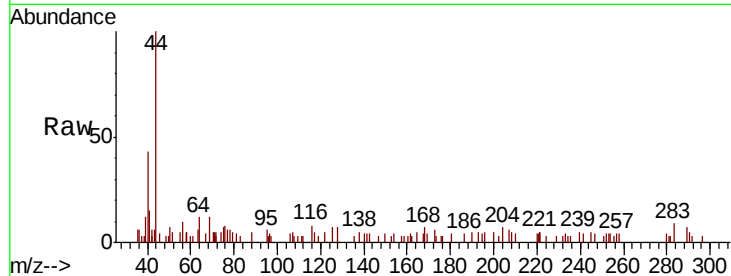
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 421

Ion Ratio Lower Upper

56 100

55 51.9 52.9 79.3#



#14

Allyl chloride

Concen: 15.992 ug/l

RT: 2.20 min Scan# 169

Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

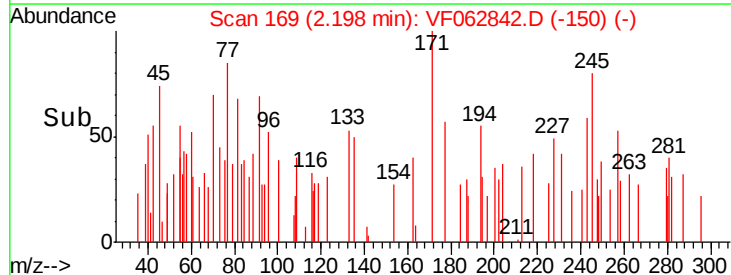
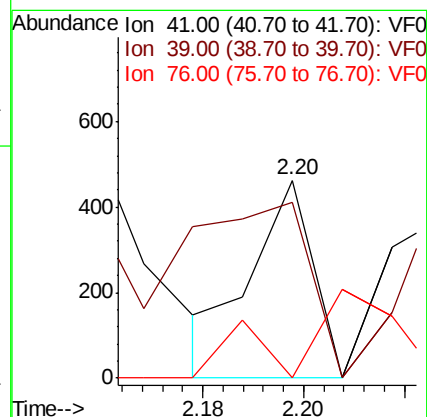
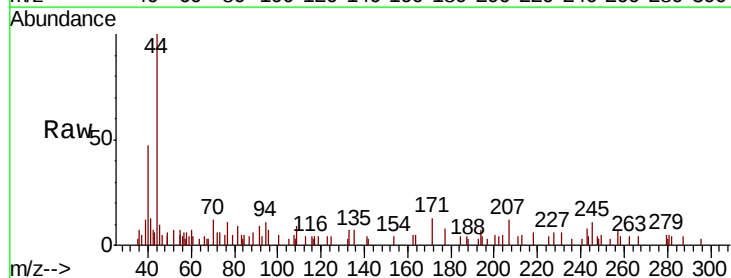
Tgt Ion: 41 Resp: 386

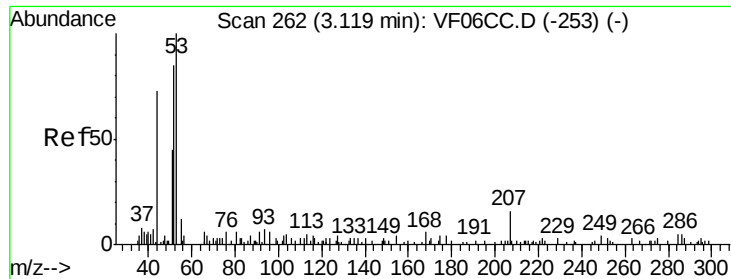
Ion Ratio Lower Upper

41 100

39 89.0 71.9 107.9

76 0.0 39.6 59.4#





#15

Acrylonitrile

Concen: 66.685 ug/l

RT: 3.13 min Scan# 264

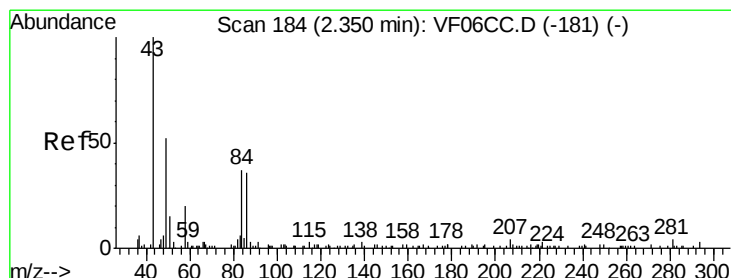
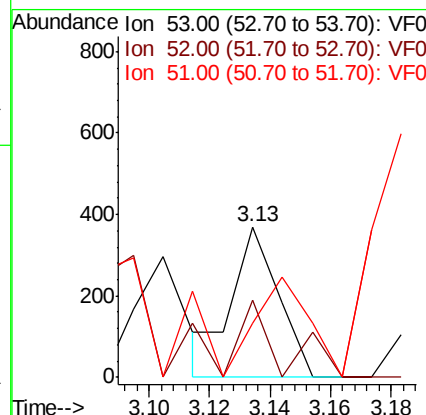
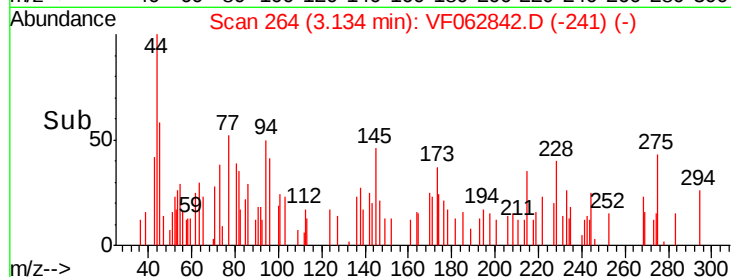
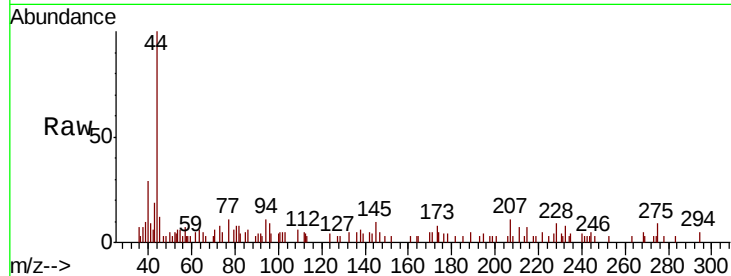
Delta R.T. 0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	53	Resp:	393
Ion	Ratio	Lower	Upper
53	100		
52	91.4	68.1	102.1
51	36.2	27.7	41.5



#16

Acetone

Concen: 72.060 ug/l

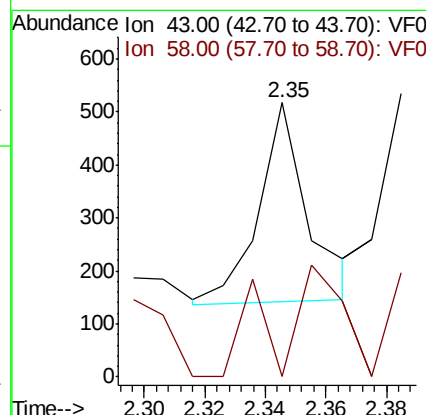
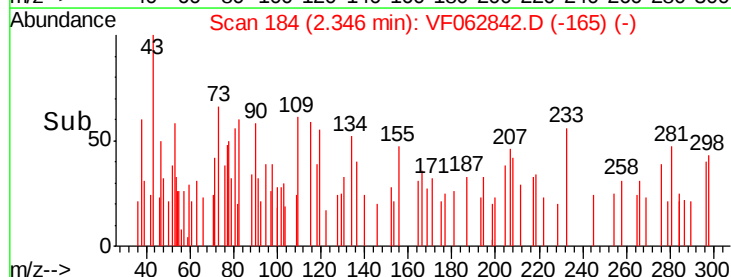
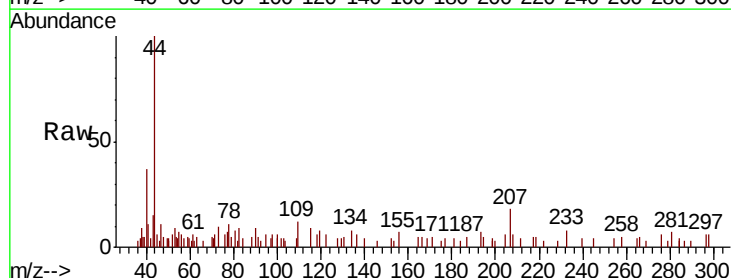
RT: 2.35 min Scan# 184

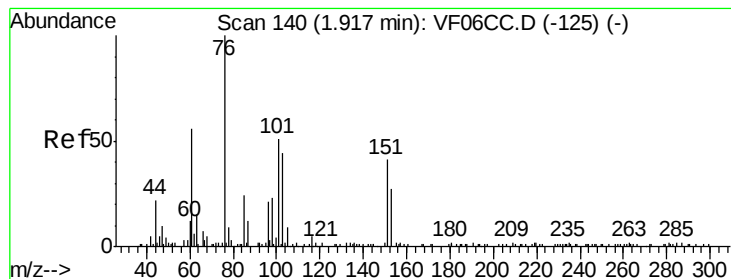
Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	43	Resp:	427
Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.0	28.4#





#17

Carbon Disulfide

Concen: 4.795 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

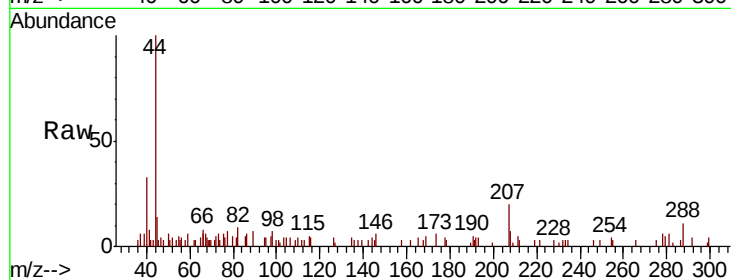
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 76 Resp: 436

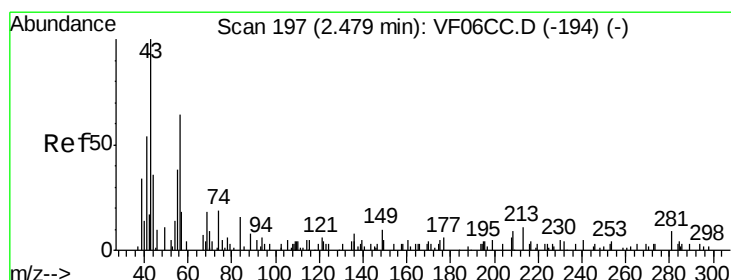
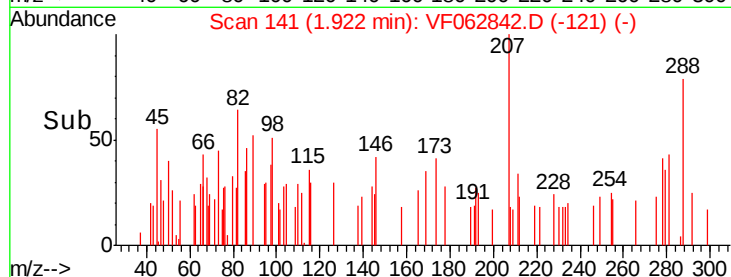
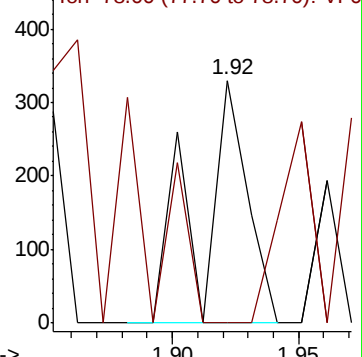
Ion Ratio Lower Upper

76 100

78 0.0 9.4 14.2#



Abundance Ion 76.00 (75.70 to 76.70): VF0
Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 45.292 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.10 min

Lab File: VF062842.D

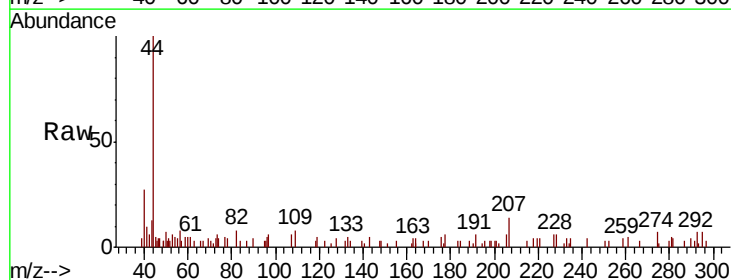
Acq: 4 Jun 2019 16:46

Tgt Ion: 43 Resp: 469

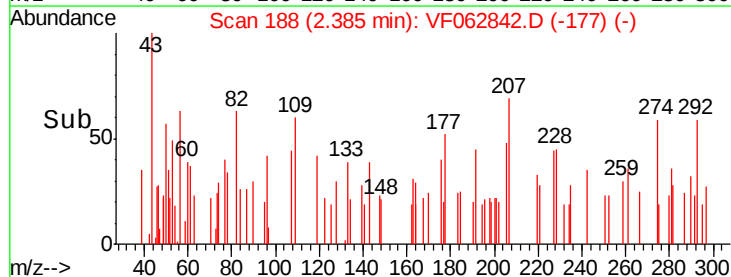
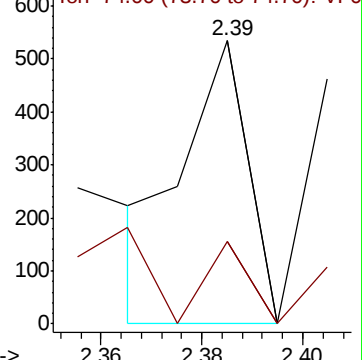
Ion Ratio Lower Upper

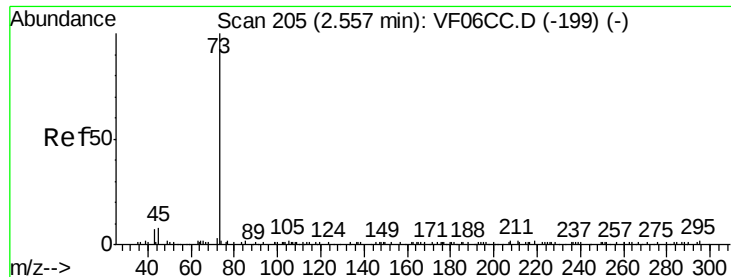
43 100

74 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0



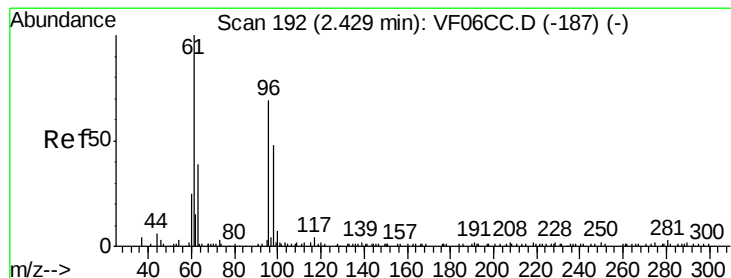
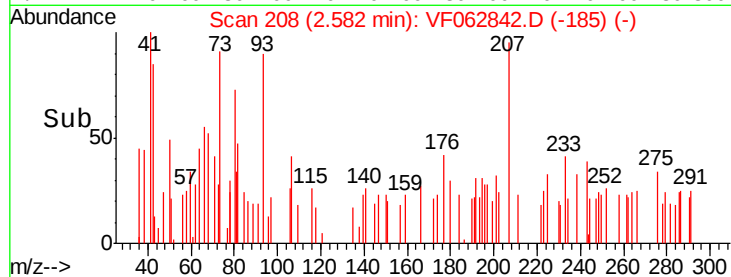
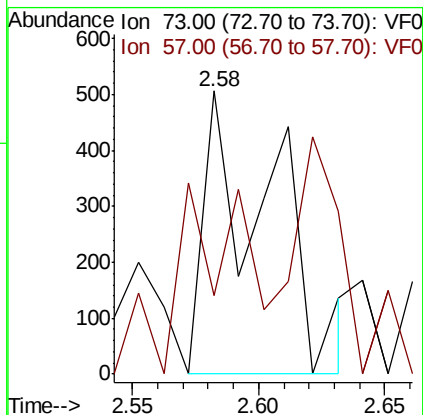
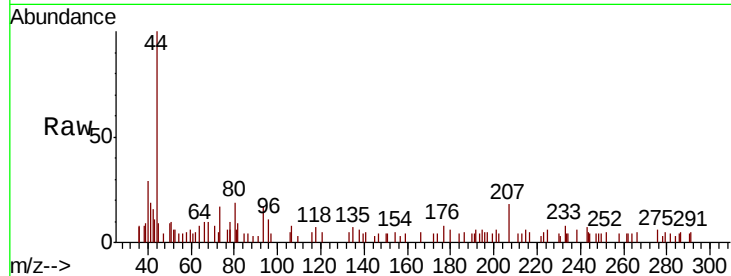


#19

Methvl tert-butvl Ether
Concen: 16.534 ug/l
RT: 2.58 min Scan# 208
Delta R.T. 0.02 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

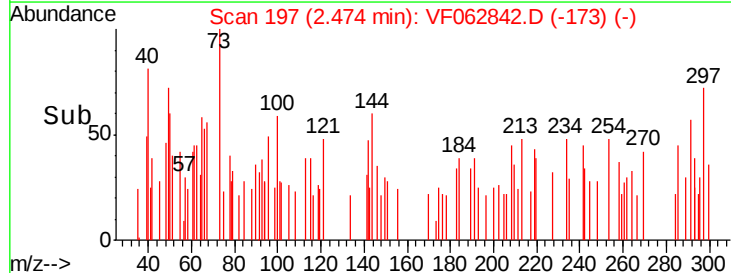
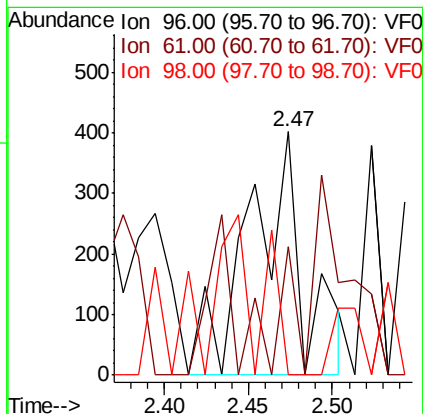
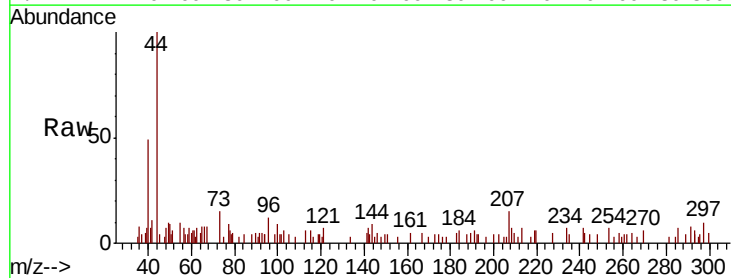
Tot Ion: 73 Resp: 932
Ion Ratio Lower Upper
73 100
57 27.7 15.1 22.7#

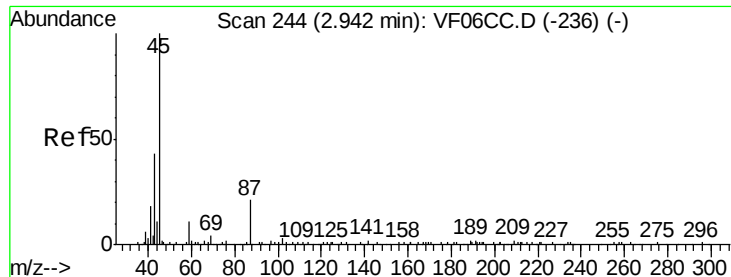


#21

trans-1,2-Dichloroethene
Concen: 28.883 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 96 Resp: 901
Ion Ratio Lower Upper
96 100
61 52.7 105.0 157.6#
98 29.4 51.1 76.7#

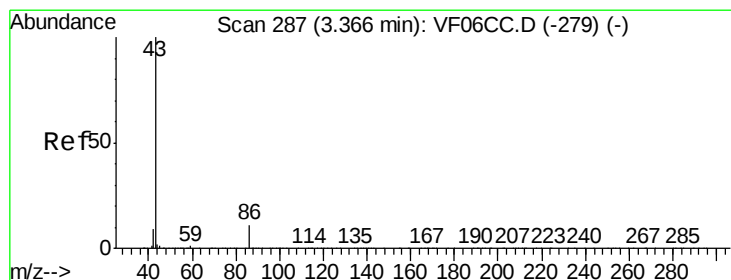
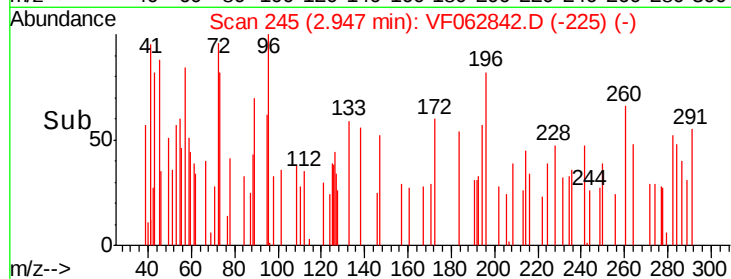
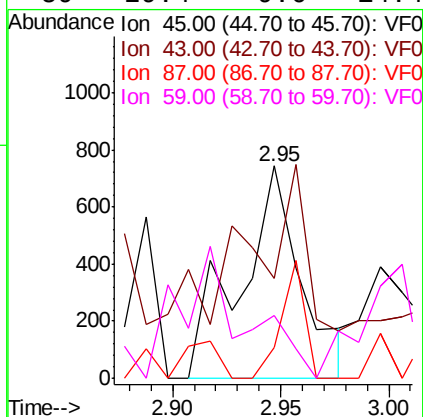
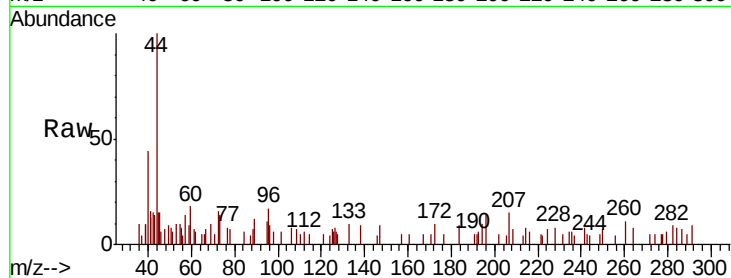




#22
Diisopropyl ether
Concen: 21.378 ug/l
RT: 2.95 min Scan# 245
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

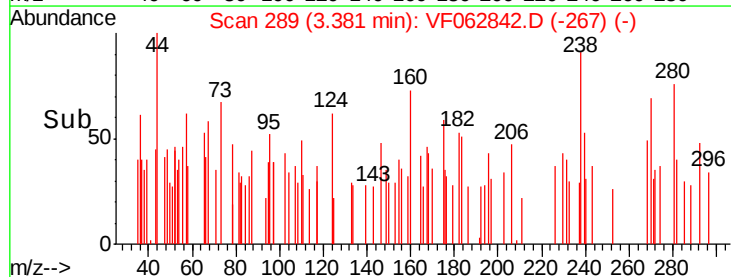
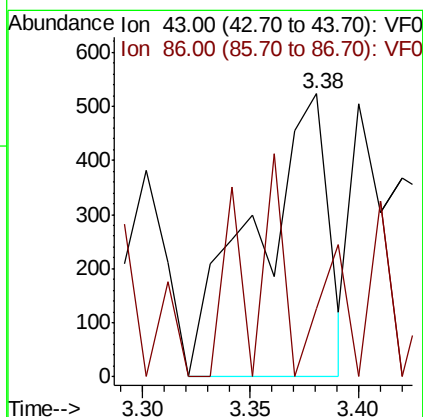
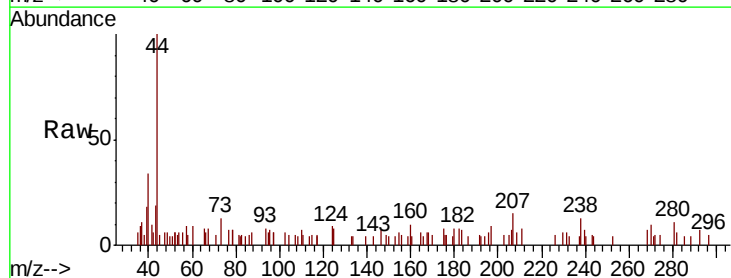
Instrument :
MSVOA_F
ClientSampled :

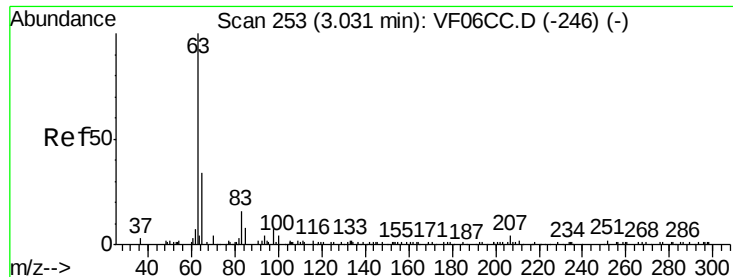
Tot Ion:	45	Resp:	1466
Ion	Ratio	Lower	Upper
45	100		
43	47.3	34.3	51.5
87	14.5	19.0	28.4#
59	29.4	9.6	14.4#



#23
Vinyl Acetate
Concen: 25.710 ug/l
RT: 3.38 min Scan# 289
Delta R.T. 0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion:	43	Resp:	1207
Ion	Ratio	Lower	Upper
43	100		
86	24.3	8.2	12.2#





#24

1,1-Dichloroethane

Concen: 2.031 ug/l

RT: 3.02 min Scan# 252

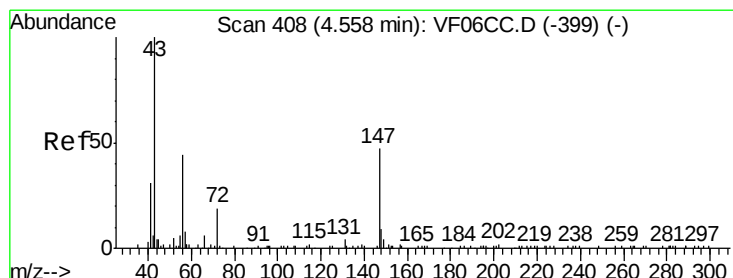
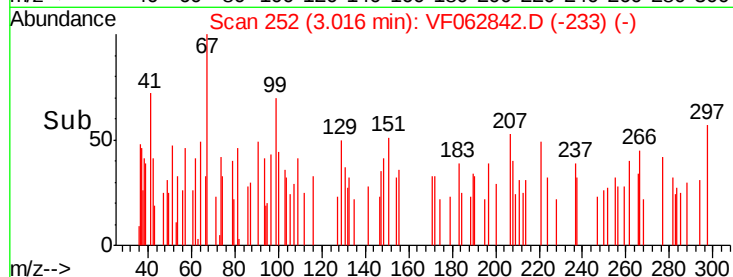
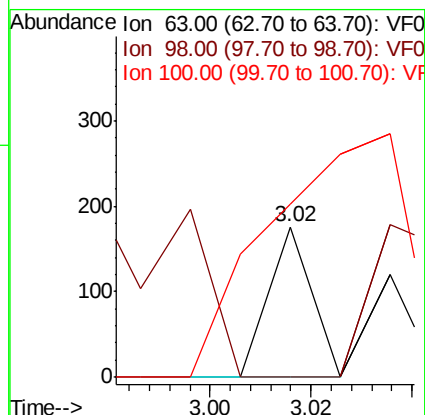
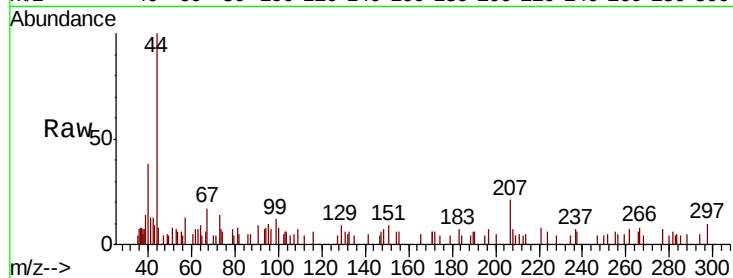
Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	63	Resp:	104
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.4	7.1#
100	115.3	1.5	4.5#



#25

2-Butanone

Concen: 139.571 ug/l

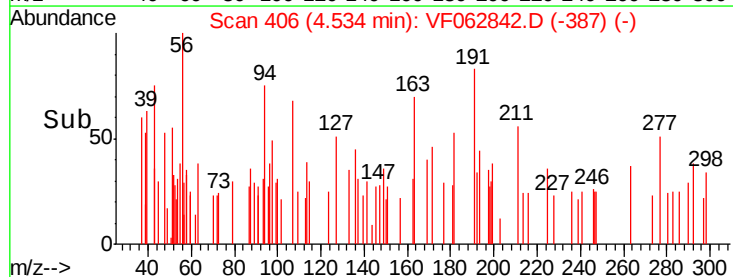
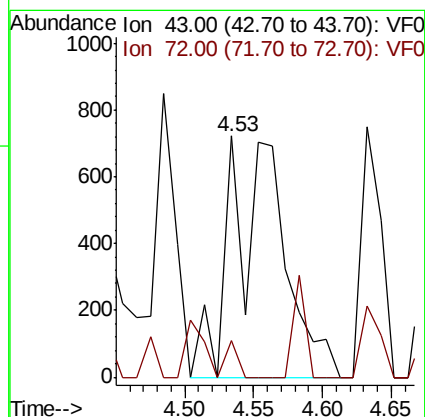
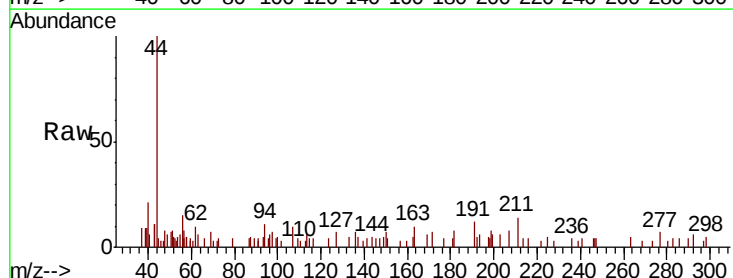
RT: 4.53 min Scan# 406

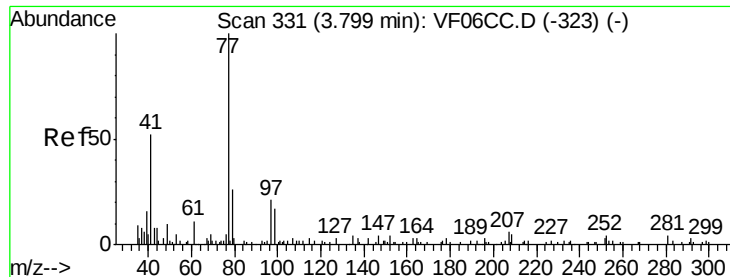
Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	43	Resp:	1926
Ion	Ratio	Lower	Upper
43	100		
72	31.3	21.4	32.0





#26

2,2-Dichloropropane

Concen: 35.738 ug/l

RT: 3.81 min Scan# 333

Delta R.T. 0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

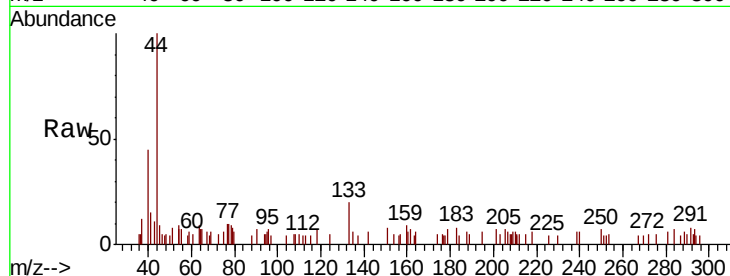
ClientSampled :

Tot Ion: 77 Resp: 1039

Ion Ratio Lower Upper

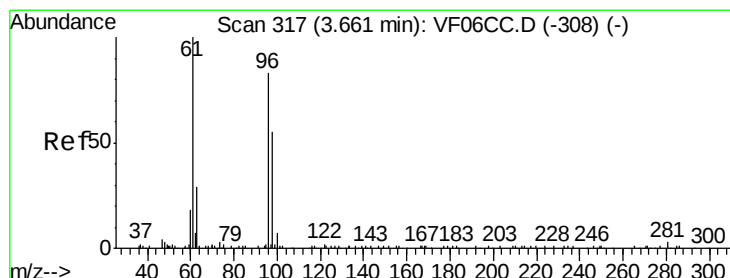
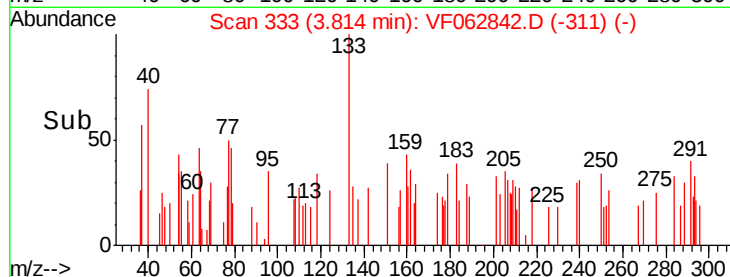
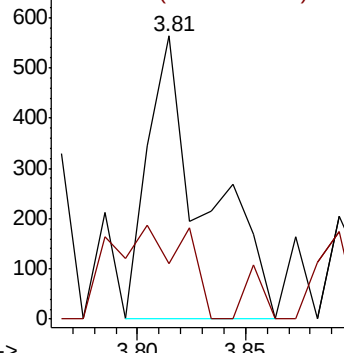
77 100

97 19.5 12.4 37.4



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



#27

cis-1,2-Dichloroethene

Concen: 5.569 ug/l

RT: 3.66 min Scan# 317

Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

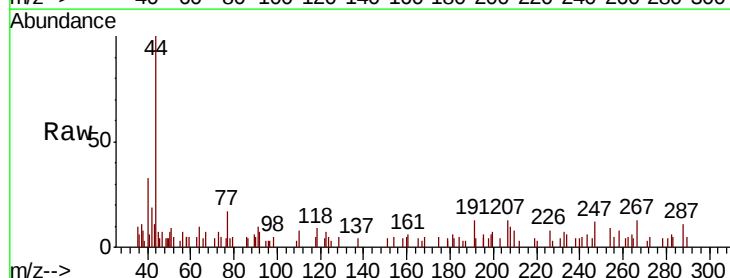
Tgt Ion: 96 Resp: 292

Ion Ratio Lower Upper

96 100

61 0.0 0.0 213.8

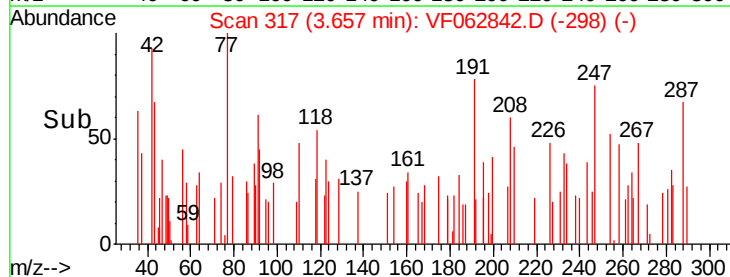
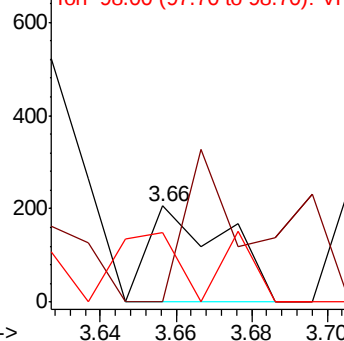
98 72.8 0.0 127.0

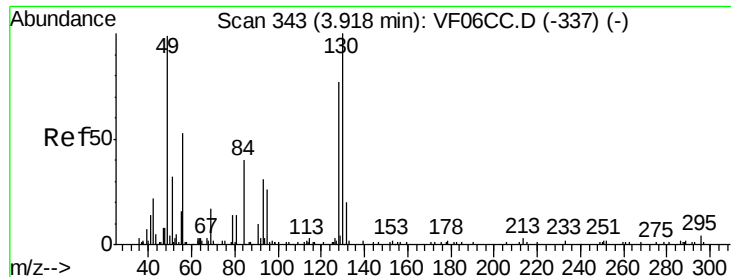


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#28

Bromochloromethane

Concen: 2.765 ug/l

RT: 3.83 min Scan# 335

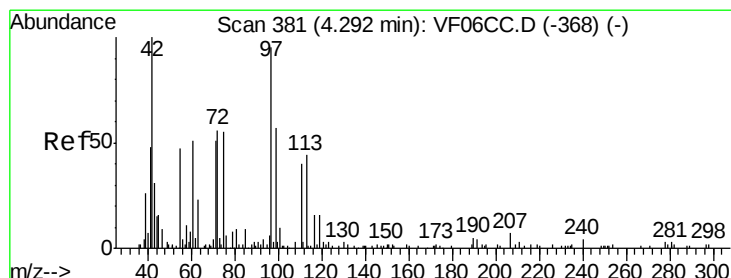
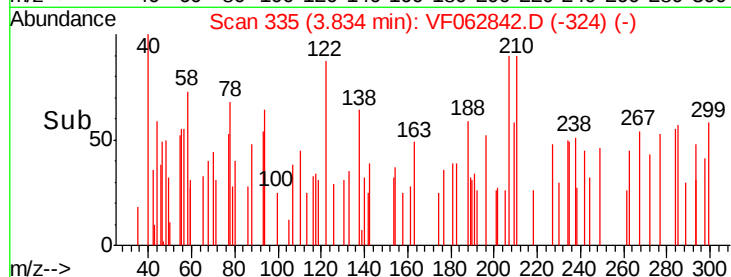
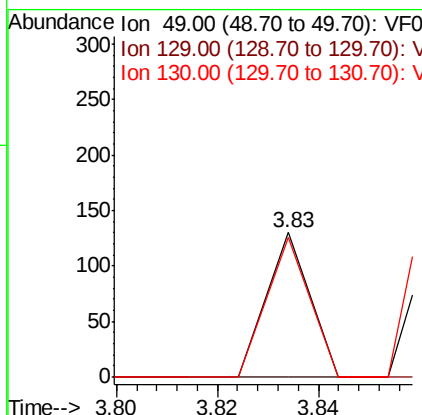
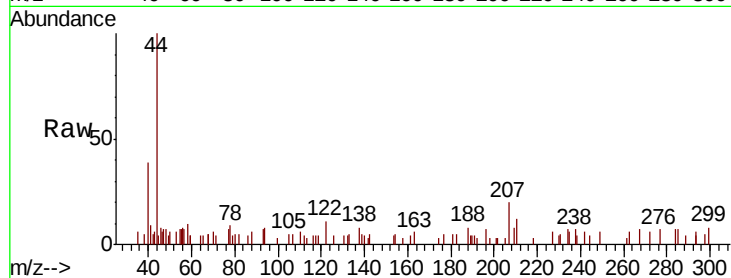
Delta R.T. -0.10 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	49	Resp:	77
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	96.9	79.2	118.8



#29

Tetrahydrofuran

Concen: 290.077 ug/l

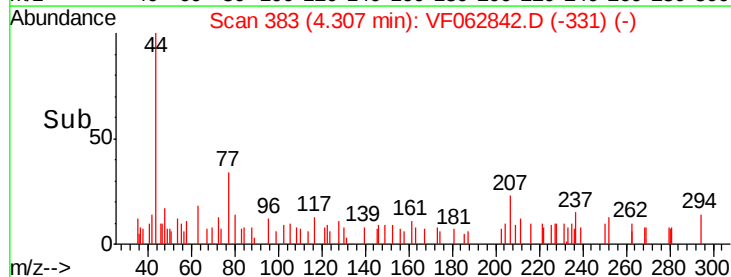
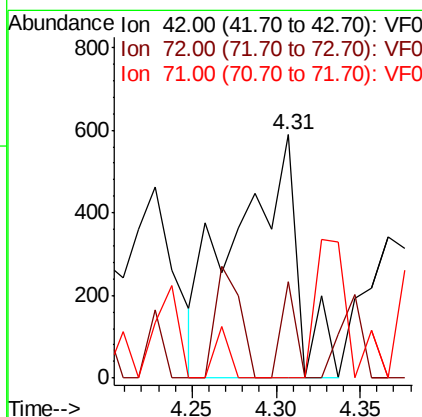
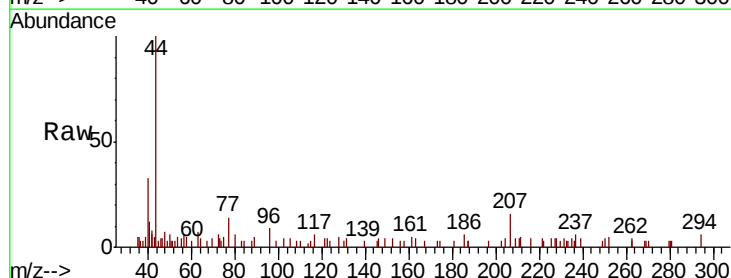
RT: 4.31 min Scan# 383

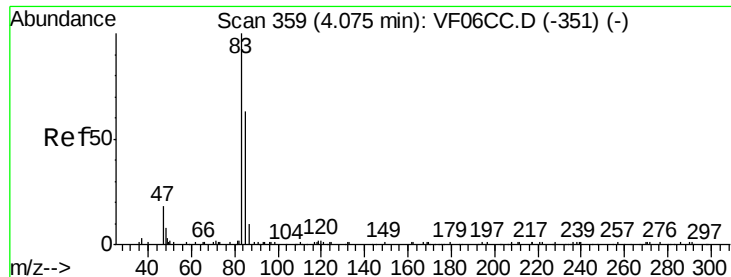
Delta R.T. 0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	42	Resp:	1531
Ion	Ratio	Lower	Upper
42	100		
72	9.0	39.0	58.6#
71	0.0	36.9	55.3#

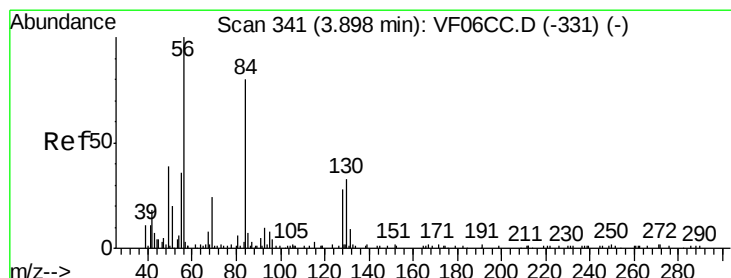
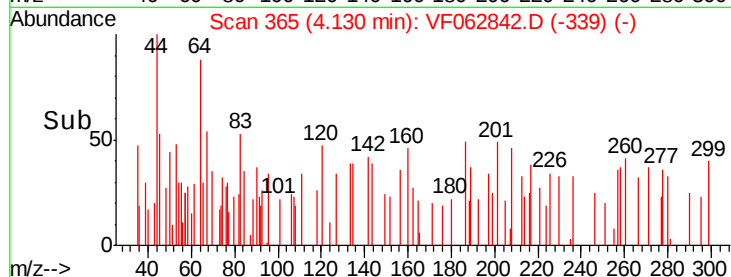
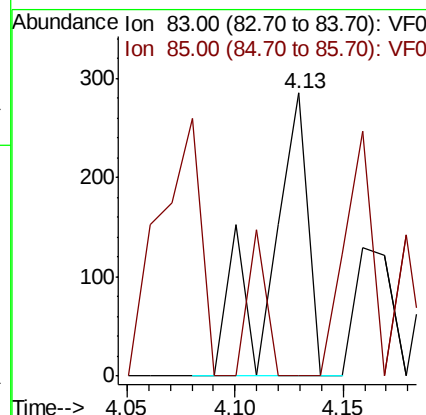
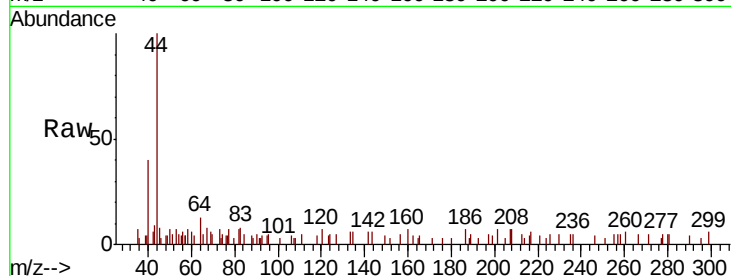




#30
Chloroform
Concen: 4.822 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.05 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

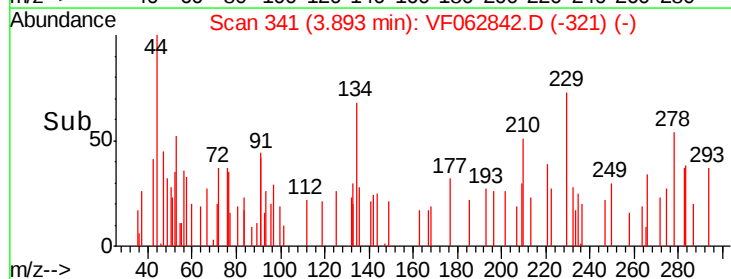
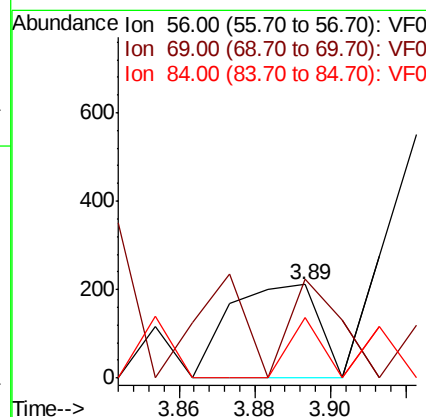
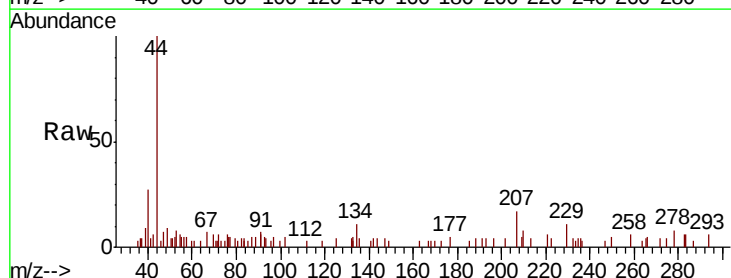
Instrument :
MSVOA_F
ClientSampleId :

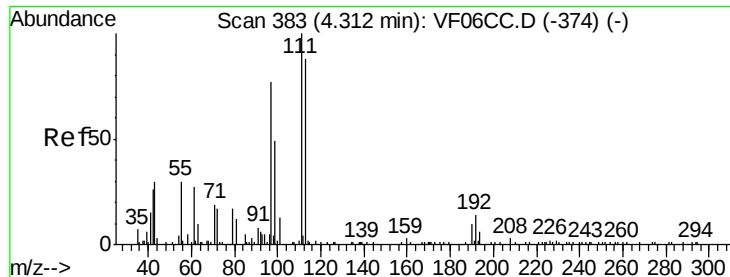
Tot Ion: 83 Resp: 348
Ion Ratio Lower Upper
83 100
85 0.0 55.0 82.6#



#31
Cyclohexane
Concen: 4.934 ug/l
RT: 3.89 min Scan# 341
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
69 106.2 26.7 40.1#
84 65.4 74.3 111.5#





#32

1,1,1-Trichloroethane

Concen: 3.023 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

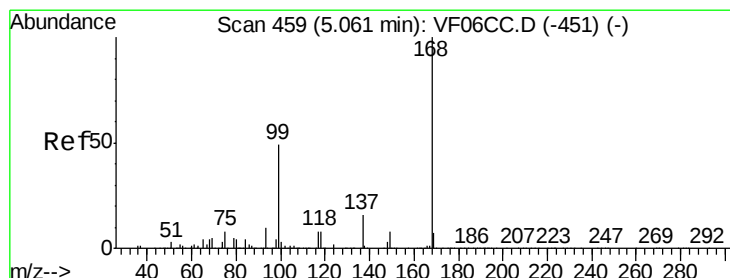
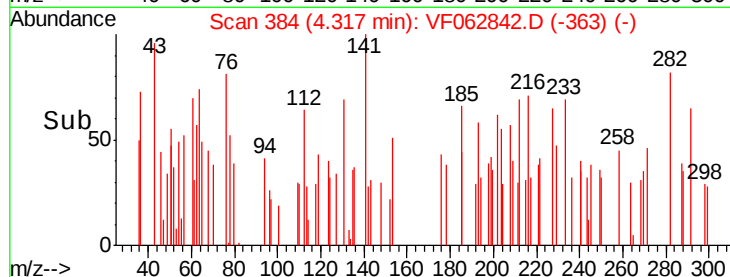
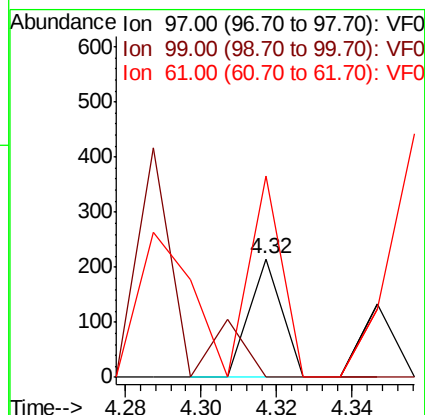
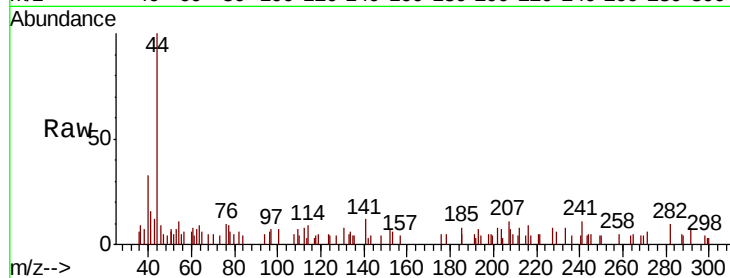
Tot Ion: 97 Resp: 127

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 170.2 38.9 58.3#



#33

1,2-Dichloroethane-d4

Concen: 12.167 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062842.D

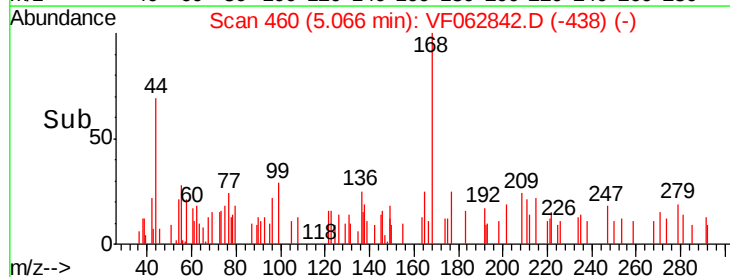
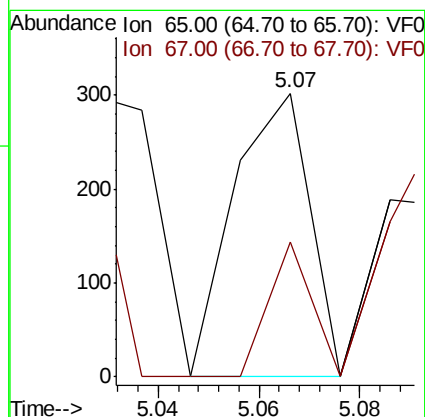
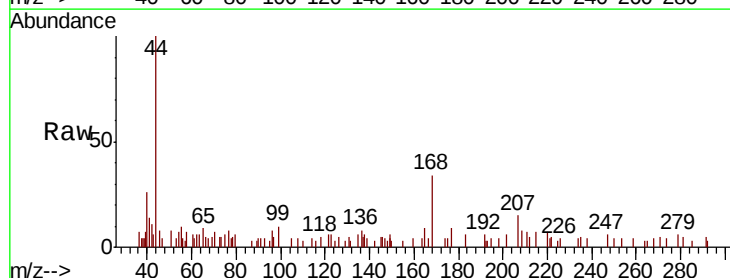
Acq: 4 Jun 2019 16:46

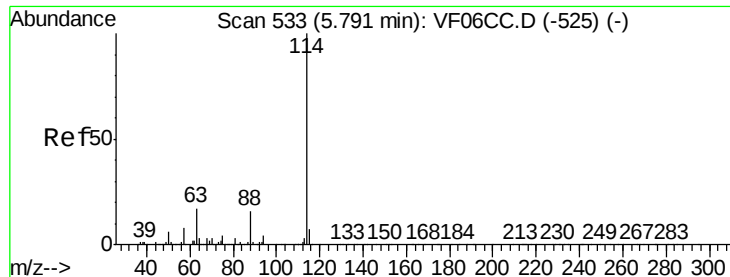
Tgt Ion: 65 Resp: 315

Ion Ratio Lower Upper

65 100

67 47.7 0.0 121.2

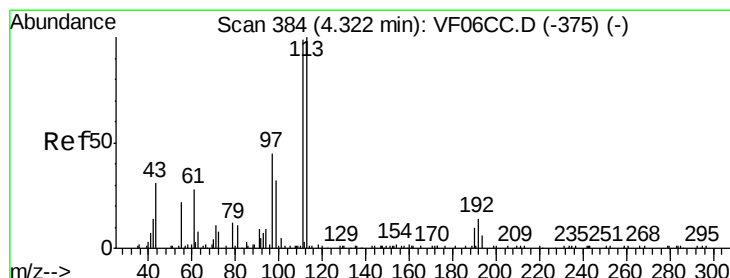
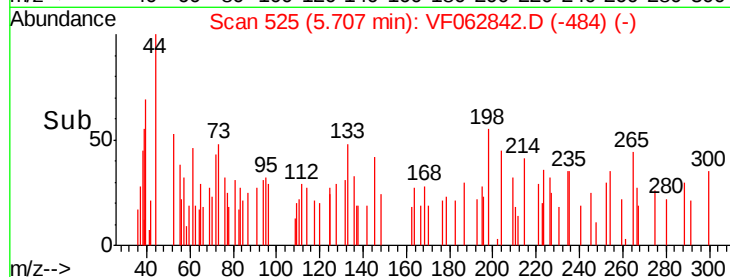
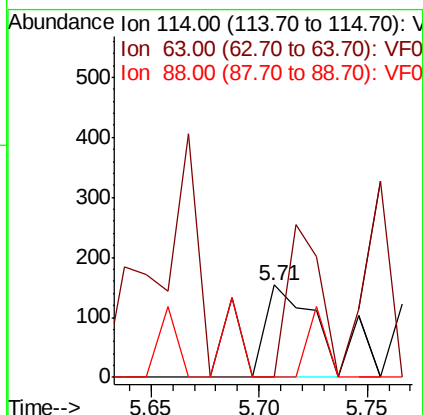
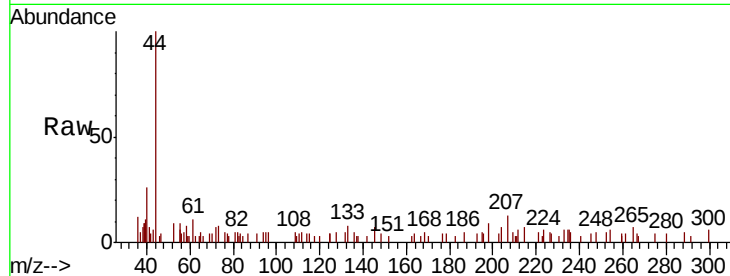




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.71 min Scan# 525
Delta R.T. -0.10 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

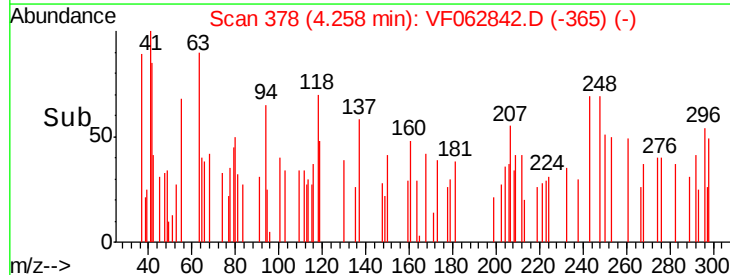
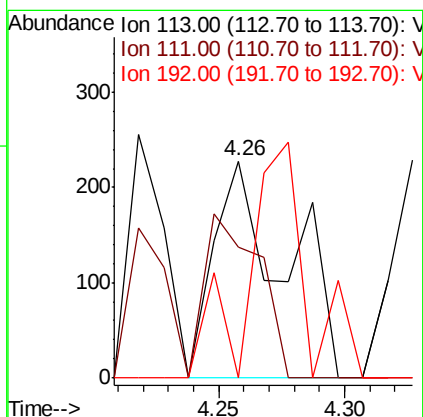
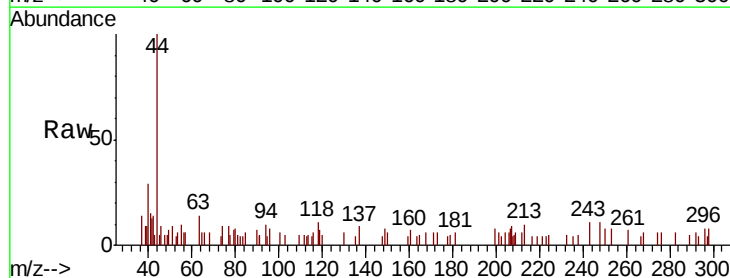
Instrument :
MSVOA_F
ClientSampleId :

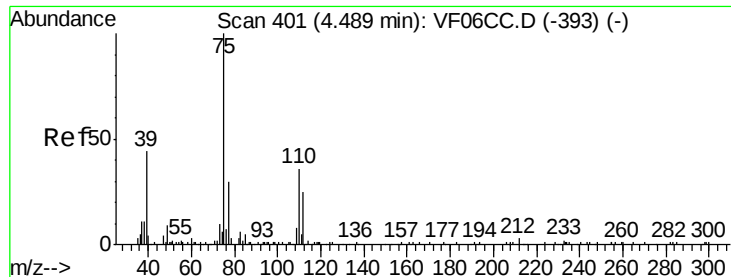
Tot Ion:114 Resp: 303
Ion Ratio Lower Upper
114 100
63 0.0 0.0 34.2
88 0.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 196.102 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.08 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion:113 Resp: 449
Ion Ratio Lower Upper
113 100
111 60.1 81.9 122.9#
192 0.0 15.1 22.7#





#36

1,1-Dichloropropene

Concen: 38.001 ug/l

RT: 4.44 min Scan# 396

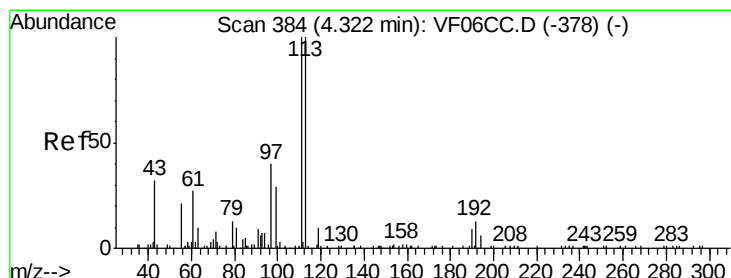
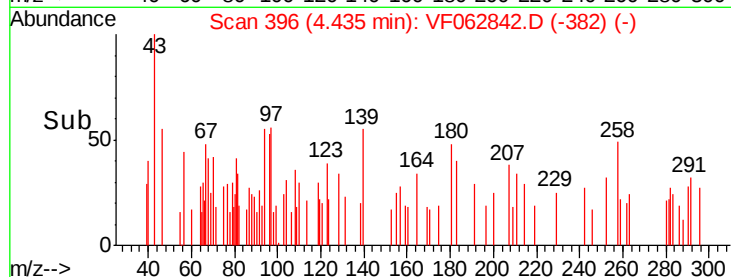
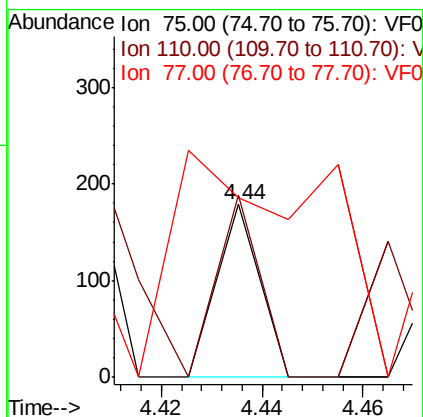
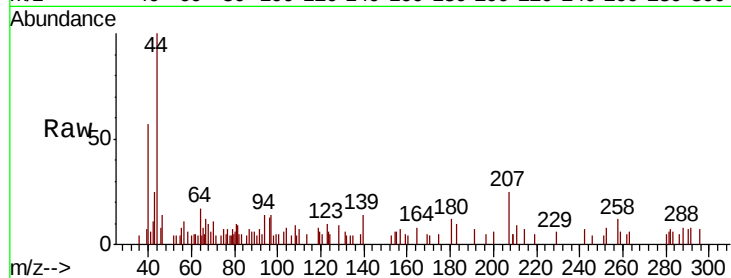
Delta R.T. -0.07 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	75	Resp:	106
Ion	Ratio	Lower	Upper
75	100		
110	105.0	19.4	58.1#
77	103.9	25.4	38.2#



#37

Ethyl Acetate

Concen: 650.858 ug/l

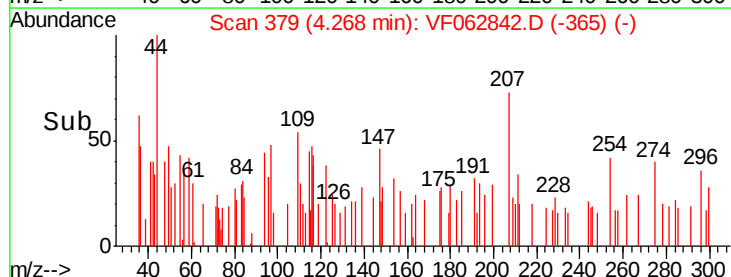
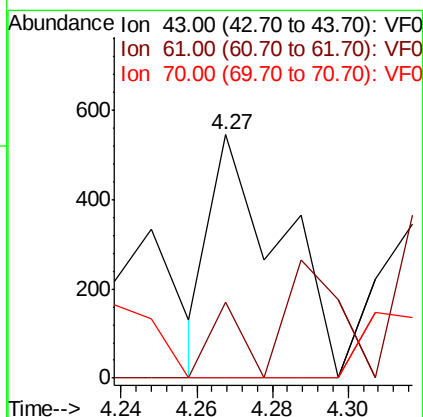
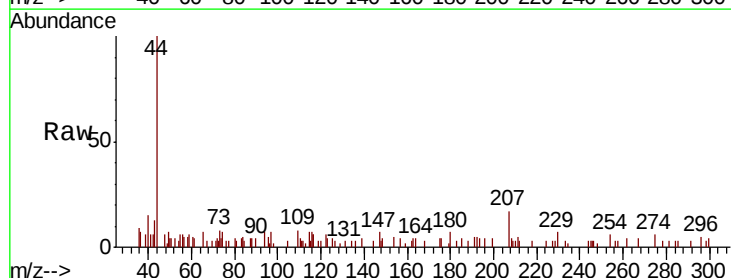
RT: 4.27 min Scan# 379

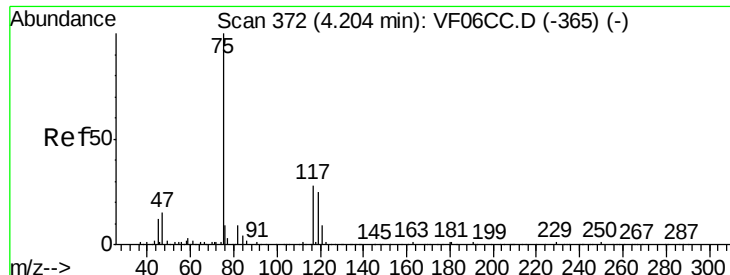
Delta R.T. -0.07 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	43	Resp:	694
Ion	Ratio	Lower	Upper
43	100		
61	31.2	59.1	88.7#
70	0.0	10.1	15.1#





#38

Carbon Tetrachloride

Concen: 122.535 ug/l

RT: 4.11 min Scan# 363

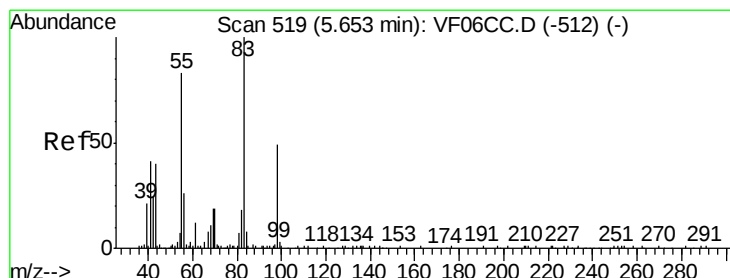
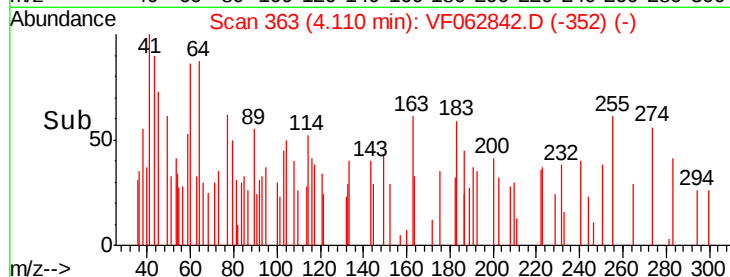
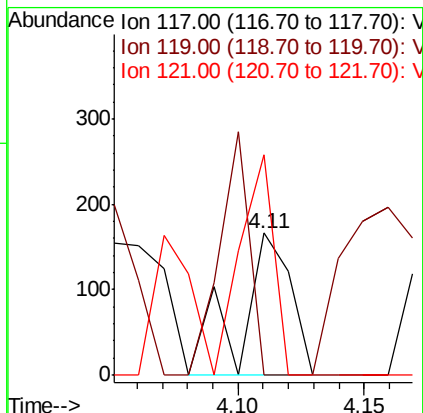
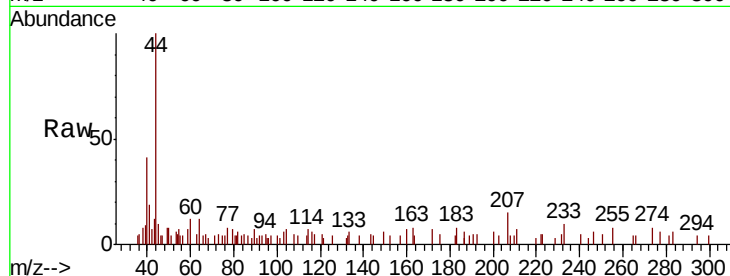
Delta R.T. -0.10 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 231
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 155.4 28.2 42.2#



#39

Methylcyclohexane

Concen: 31.973 ug/l

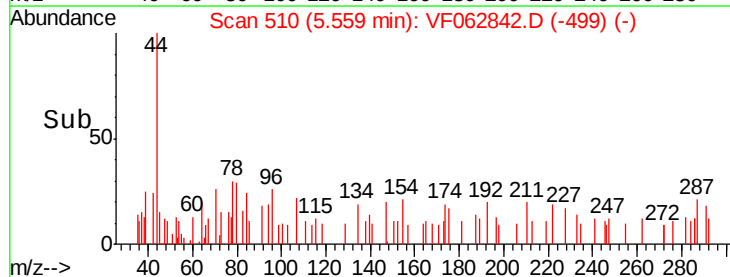
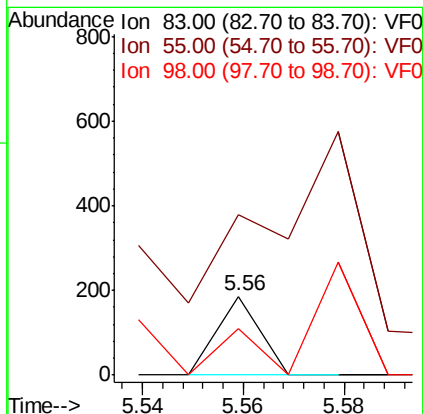
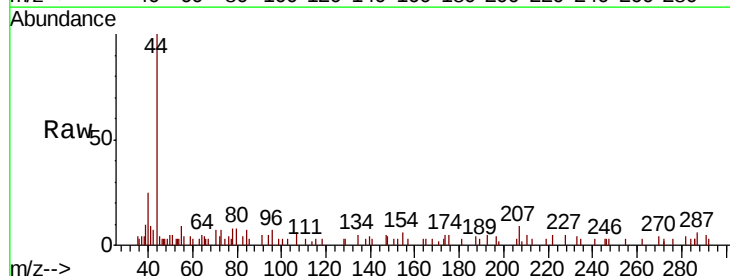
RT: 5.56 min Scan# 510

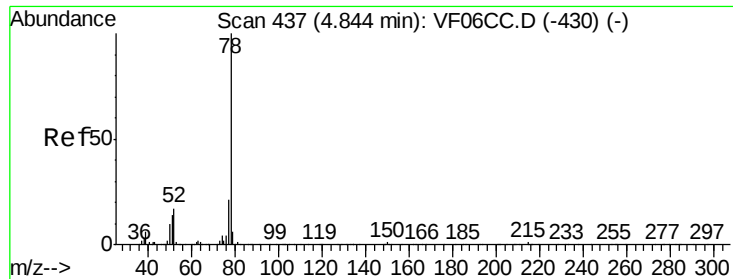
Delta R.T. -0.10 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion: 83 Resp: 111
Ion Ratio Lower Upper
83 100
55 203.2 61.6 92.4#
98 58.8 37.4 56.2#





#40

Benzene

Concen: 20.448 ug/l

RT: 4.76 min Scan# 429

Delta R.T. -0.09 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

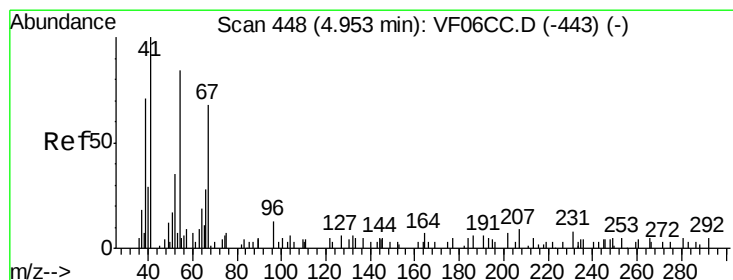
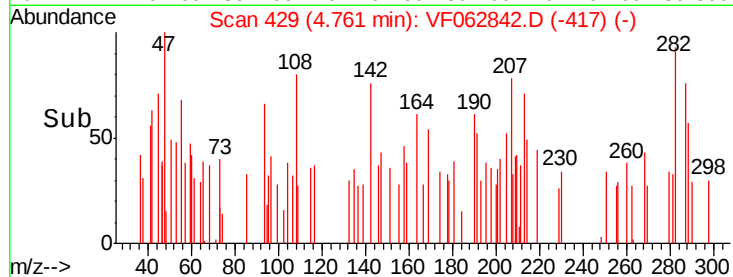
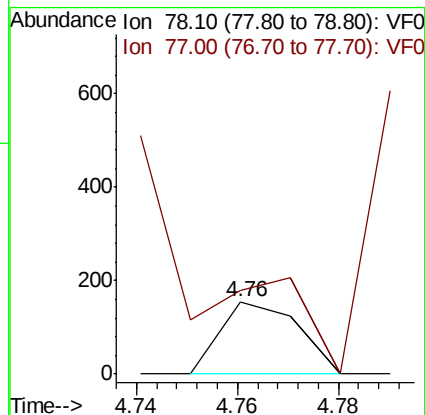
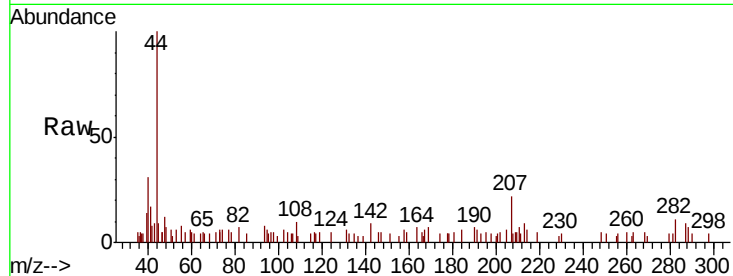
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 78 Resp: 166

Ion Ratio Lower Upper

78 100

77 114.7 18.9 28.3#



#41

Methacrylonitrile

Concen: 647.805 ug/l

RT: 4.85 min Scan# 438

Delta R.T. -0.11 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion: 41 Resp: 384

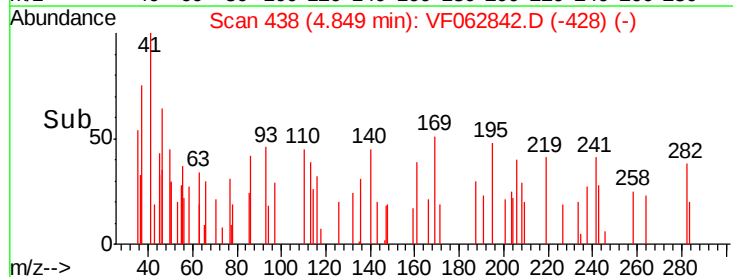
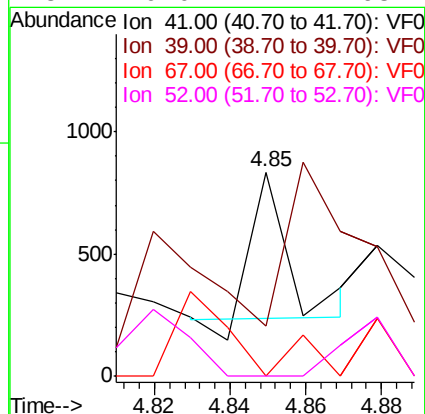
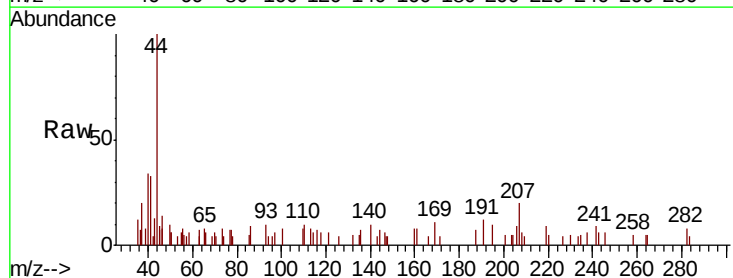
Ion Ratio Lower Upper

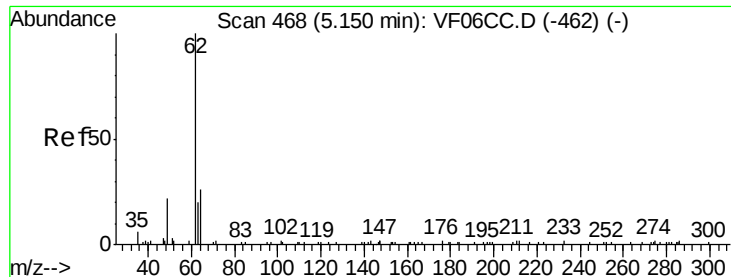
41 100

39 24.5 42.0 63.0#

67 0.0 61.4 92.0#

52 0.0 42.1 63.1#





#42

1,2-Dichloroethane

Concen: 94.559 ug/l

RT: 5.11 min Scan# 464

Delta R.T. -0.05 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

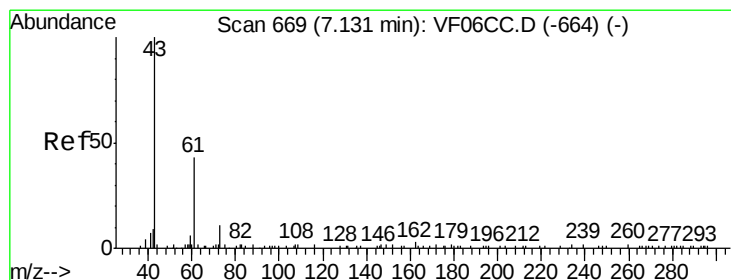
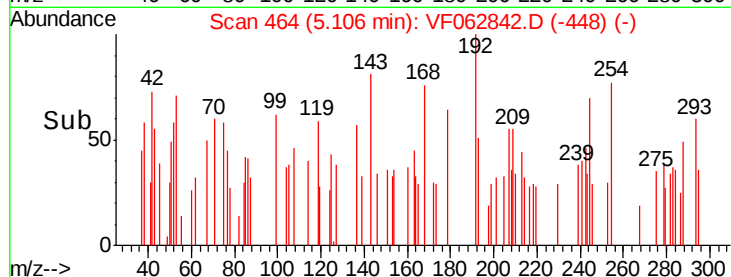
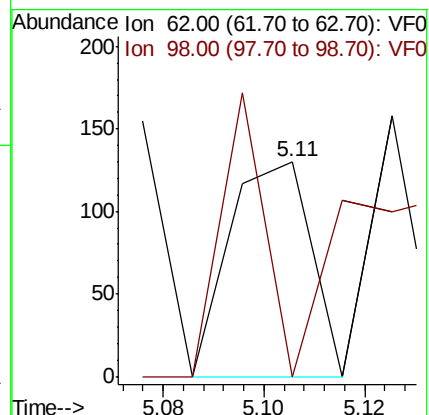
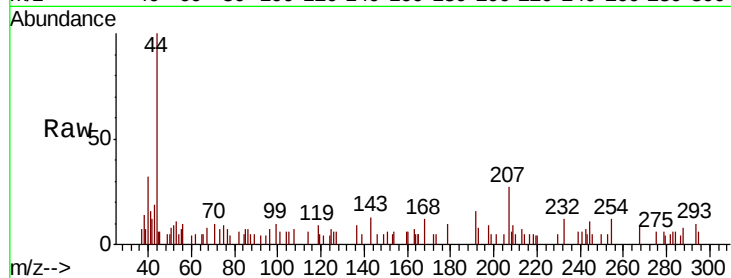
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 62 Resp: 146

Ion Ratio Lower Upper

62 100

98 0.0 0.0 24.0



#43

Isopropyl Acetate

Concen: 621.906 ug/l

RT: 6.98 min Scan# 654

Delta R.T. -0.15 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

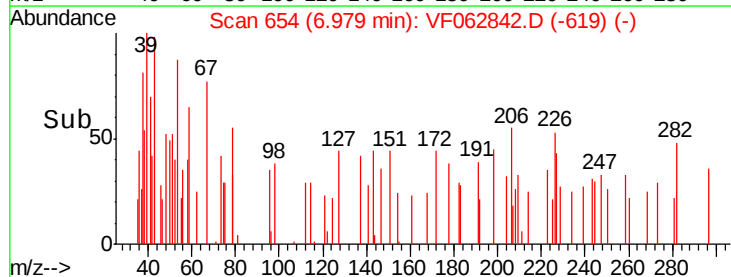
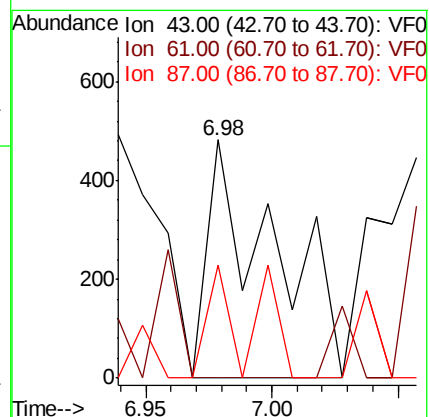
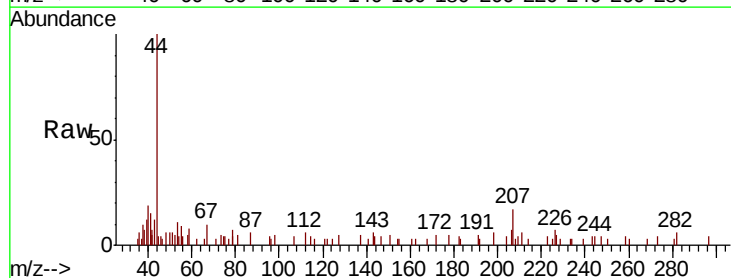
Tgt Ion: 43 Resp: 876

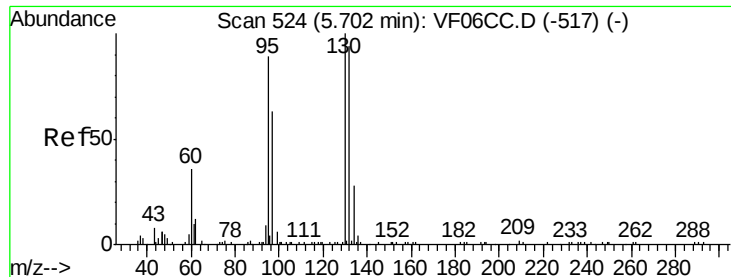
Ion Ratio Lower Upper

43 100

61 0.0 29.8 44.6#

87 47.3 0.3 0.5#

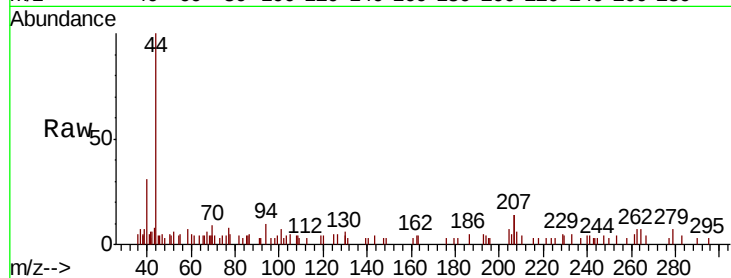




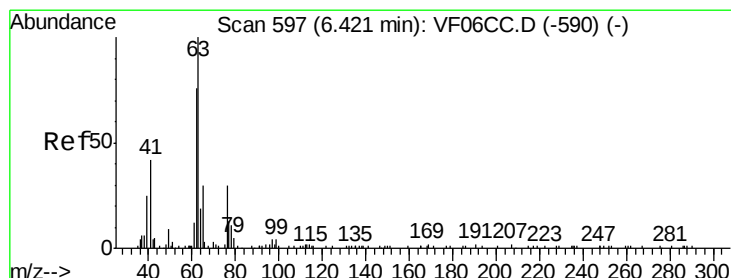
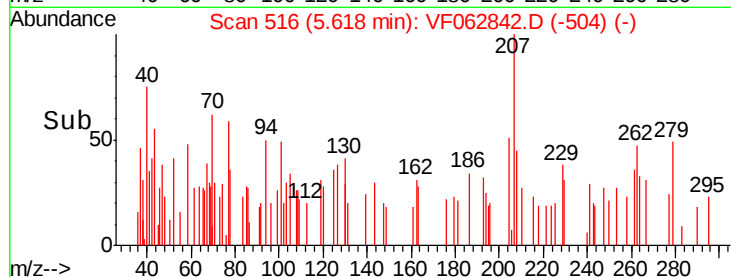
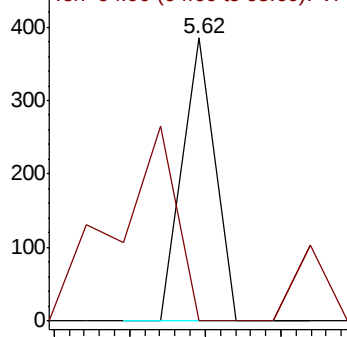
#44
 Trichloroethene
 Concen: 99.514 ug/l
 RT: 5.62 min Scan# 516
 Delta R.T. -0.09 min
 Lab File: VF062842.D
 Acq: 4 Jun 2019 16:46

Instrument :
 MSVOA_F
 ClientSampleID :

Tot Ion:130 Resp: 228
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 188.2

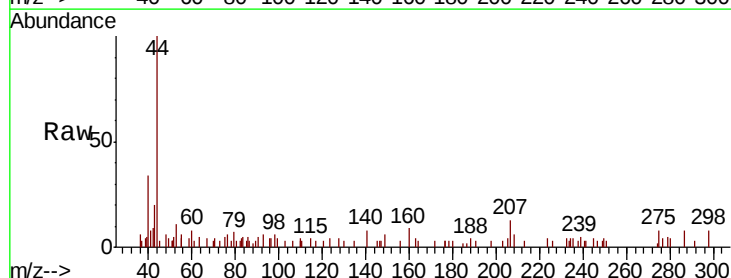


Abundance Ion 129.90 (129.60 to 130.60): VF0
 Ion 94.90 (94.60 to 95.60): VF0

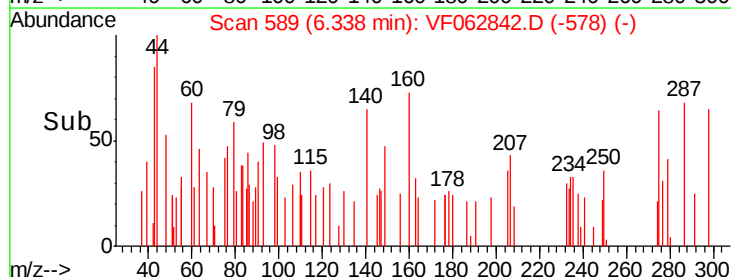
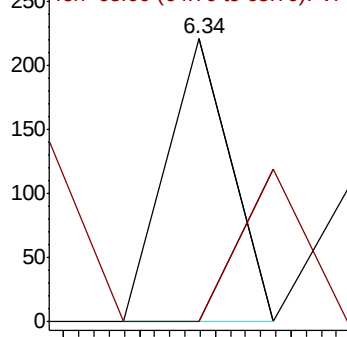


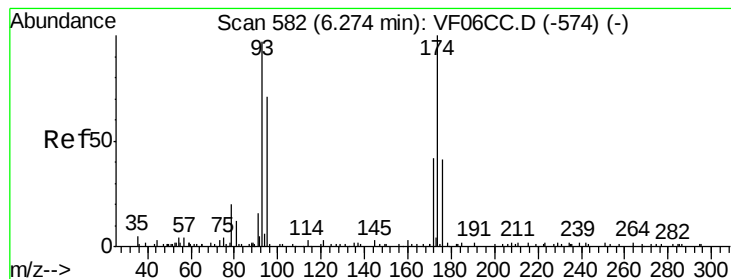
#45
 1,2-Dichloropropane
 Concen: 64.303 ug/l
 RT: 6.34 min Scan# 589
 Delta R.T. -0.10 min
 Lab File: VF062842.D
 Acq: 4 Jun 2019 16:46

Tgt Ion: 63 Resp: 131
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.2 36.2#



Abundance Ion 63.00 (62.70 to 63.70): VF0
 Ion 65.00 (64.70 to 65.70): VF0





#46

Dibromomethane

Concen: 110.979 ug/l

RT: 6.19 min Scan# 574

Delta R.T. -0.10 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :

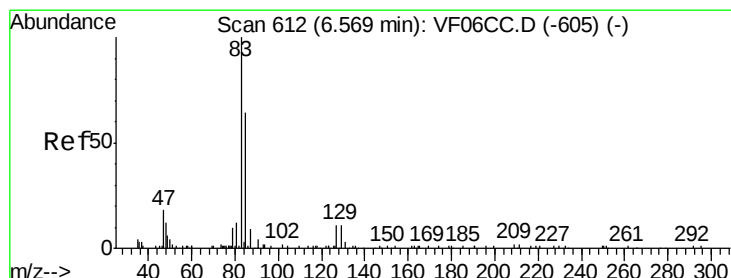
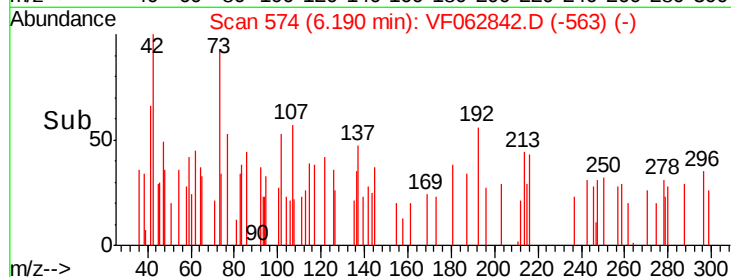
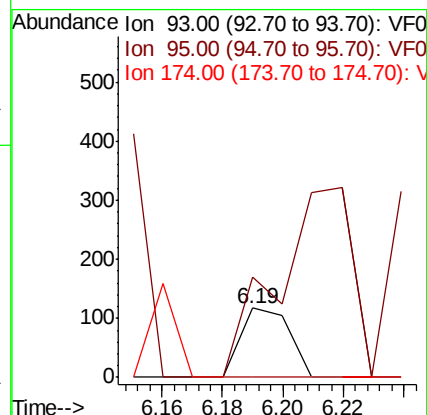
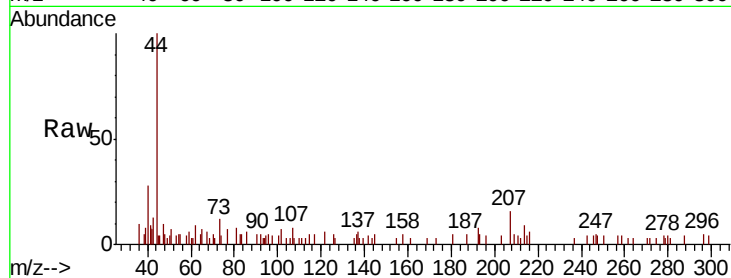
Tot Ion: 93 Resp: 132

Ion Ratio Lower Upper

93 100

95 145.3 67.9 101.9#

174 0.0 85.0 127.4#



#47

Bromodichloromethane

Concen: 132.105 ug/l

RT: 6.50 min Scan# 605

Delta R.T. -0.09 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

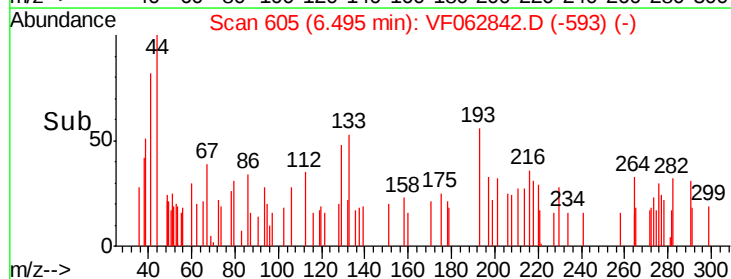
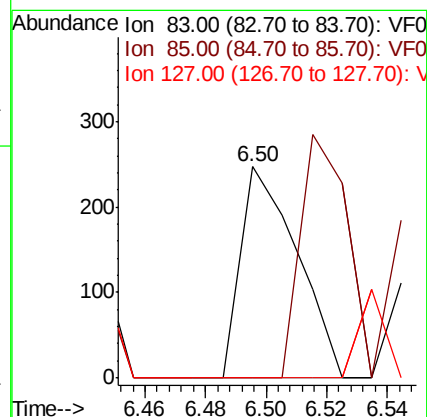
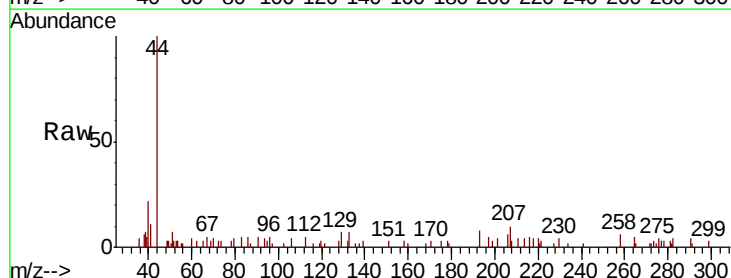
Tgt Ion: 83 Resp: 320

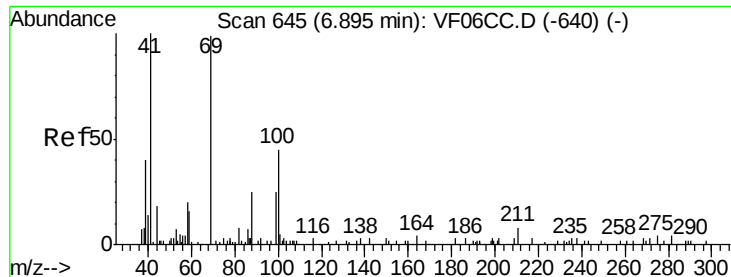
Ion Ratio Lower Upper

83 100

85 0.0 54.2 81.4#

127 53.8 7.0 10.4#

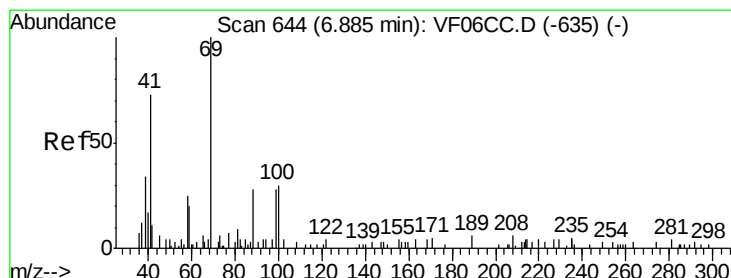
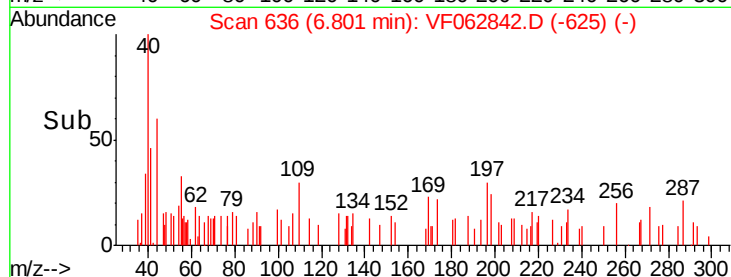
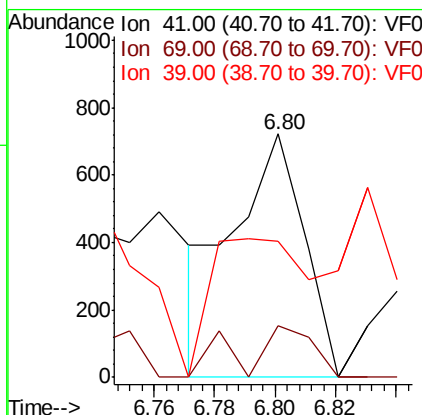
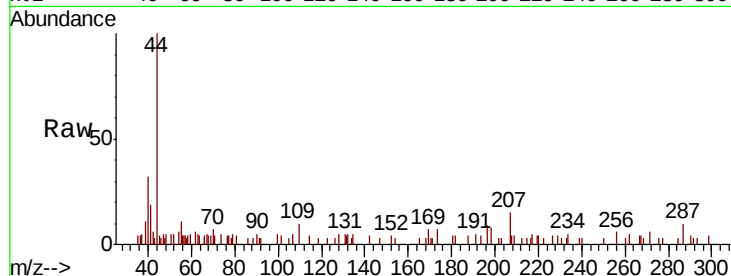




#48
Methvl methacrilate
Concen: 1606.217 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.10 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

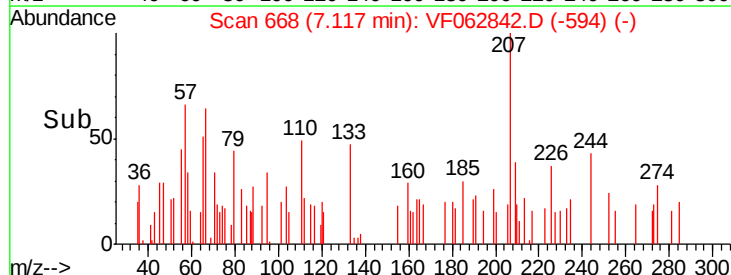
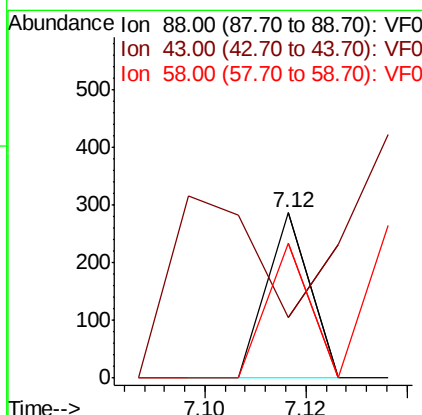
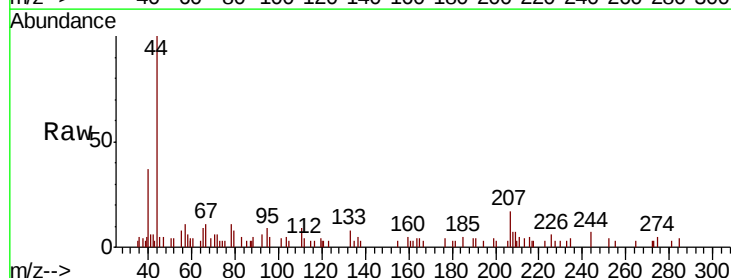
Instrument :
MSVOA_F
ClientSampled :

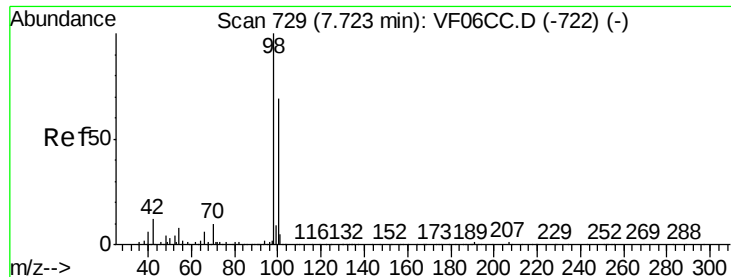
Tot Ion: 41 Resp: 1166
Ion Ratio Lower Upper
41 100
69 21.3 79.4 119.2#
39 55.8 39.8 59.6



#49
1,4-Dioxane
Concen: 17766.509 ug/l
RT: 7.12 min Scan# 668
Delta R.T. 0.23 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 36.9 34.8 52.2
58 81.5 59.9 89.9





#50

Toluene-d8

Concen: 226.773 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

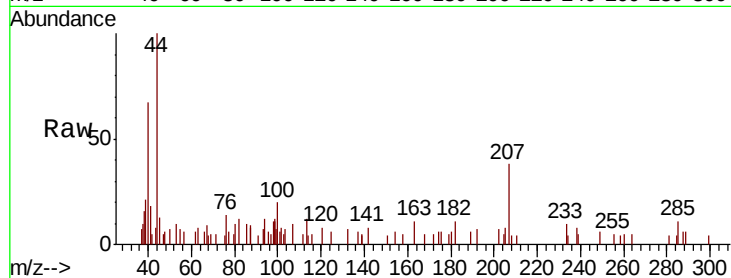
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 1313

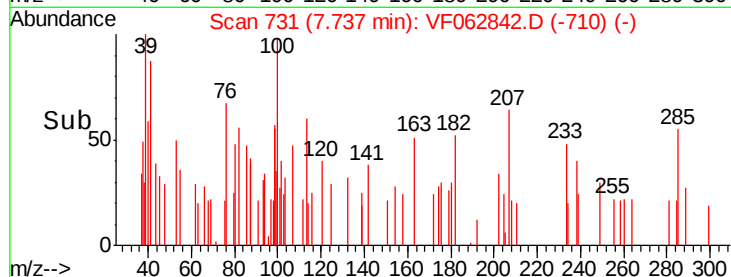
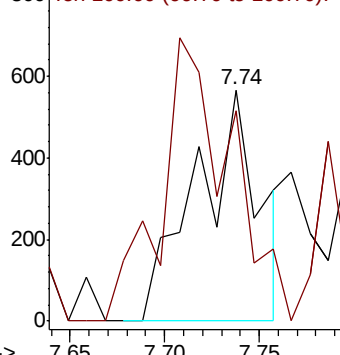
Ion Ratio Lower Upper

98 100

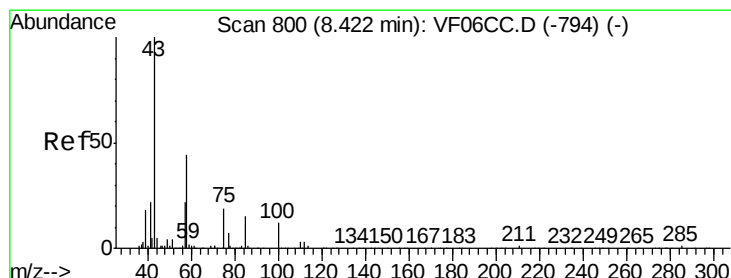
100 60.3 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF



Time-->



#51

4-Methyl-2-Pentanone

Concen: 756.734 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.13 min

Lab File: VF062842.D

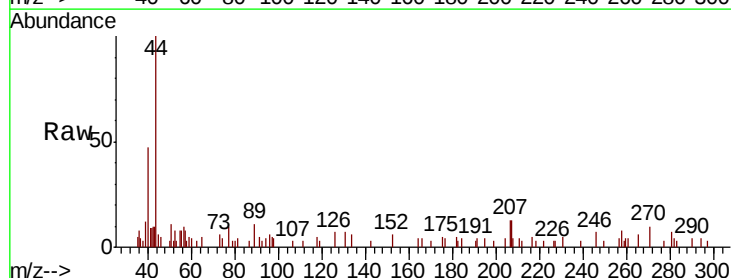
Acq: 4 Jun 2019 16:46

Tgt Ion: 43 Resp: 761

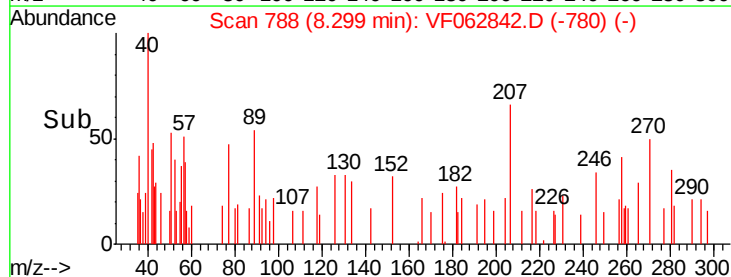
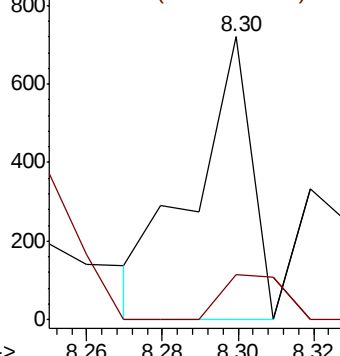
Ion Ratio Lower Upper

43 100

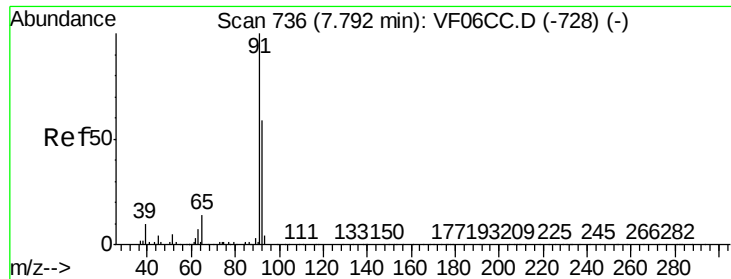
58 16.0 35.5 53.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



Time-->



#52

Toluene

Concen: 24.242 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.10 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

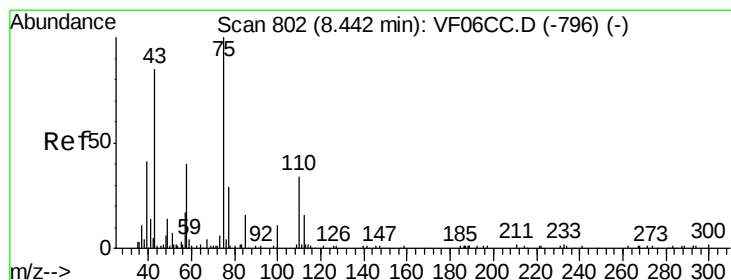
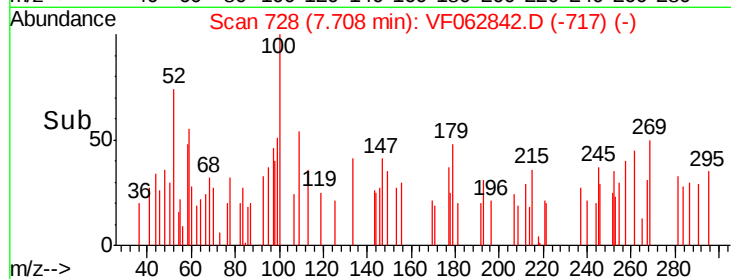
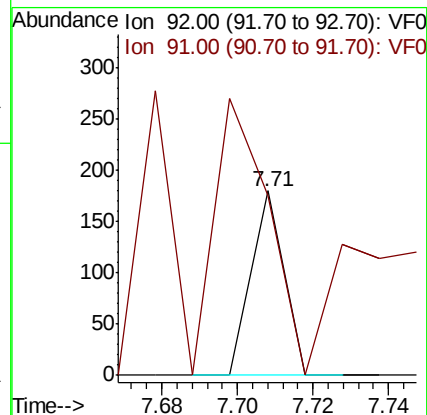
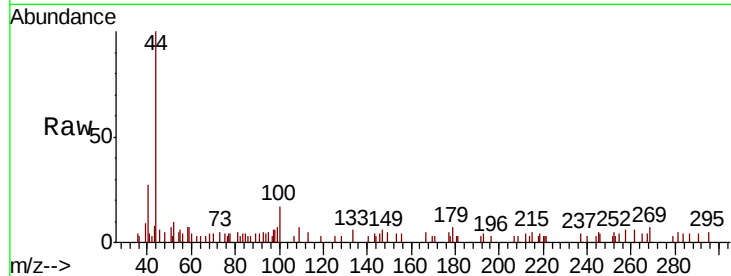
ClientSampleId :

Tot Ion: 92 Resp: 106

Ion Ratio Lower Upper

92 100

91 97.8 123.2 184.8#



#53

t-1,3-Dichloropropene

Concen: 278.490 ug/l

RT: 8.26 min Scan# 784

Delta R.T. -0.18 min

Lab File: VF062842.D

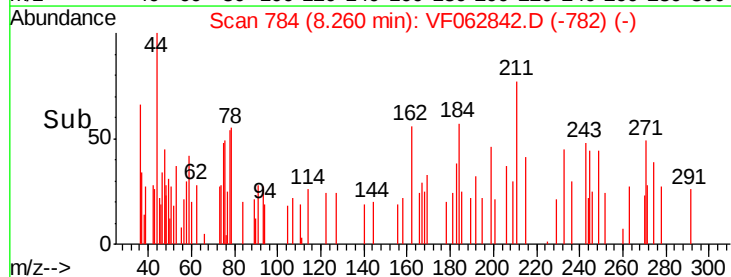
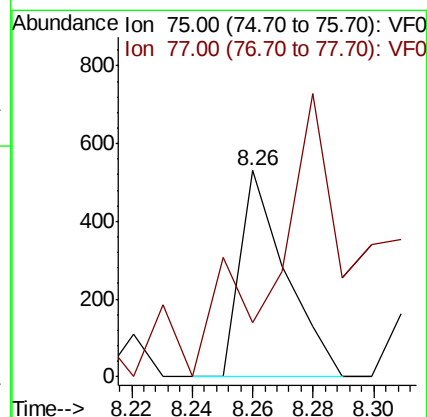
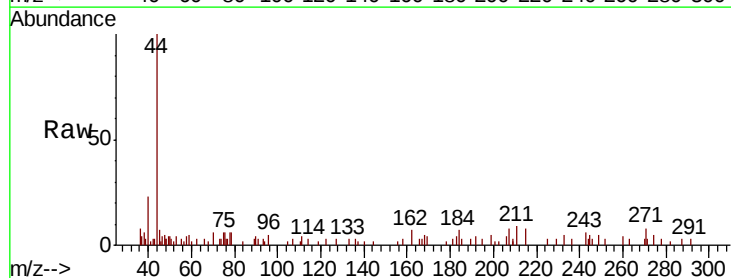
Acq: 4 Jun 2019 16:46

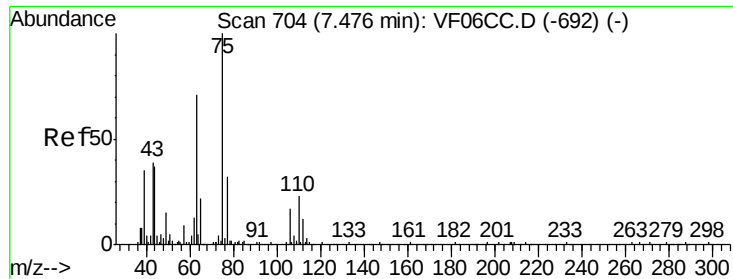
Tgt Ion: 75 Resp: 559

Ion Ratio Lower Upper

75 100

77 26.0 25.7 38.5



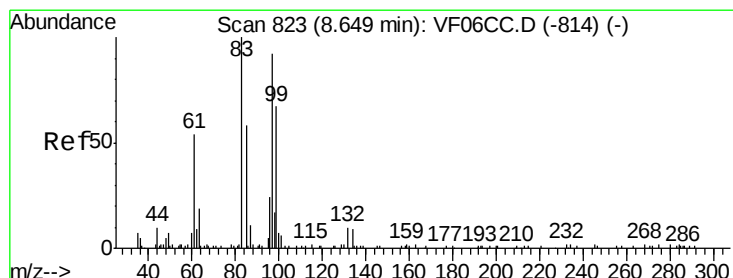
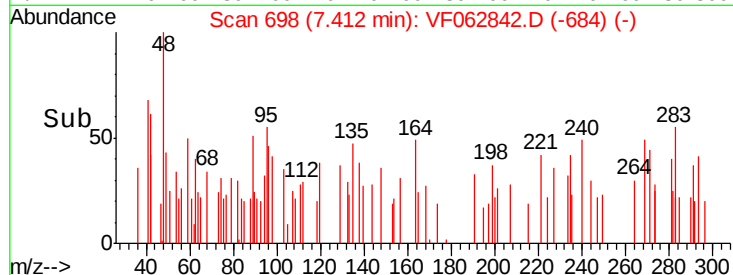
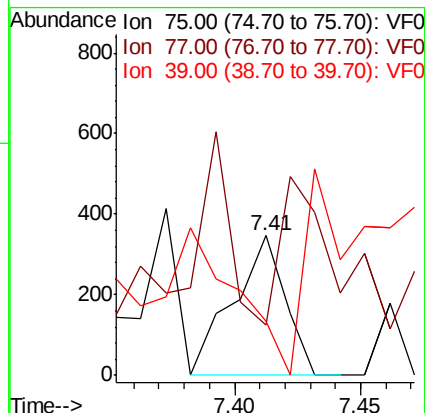
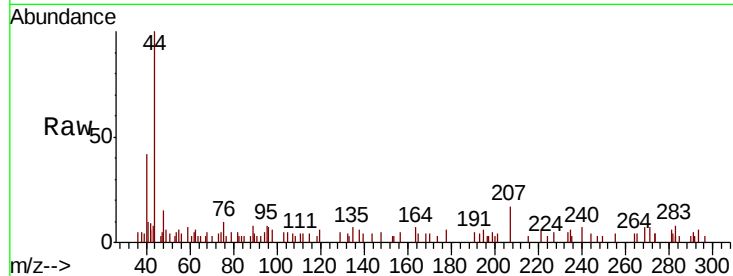


#54

cis-1,3-Dichloropropene
Concen: 171.741 ug/l
RT: 7.41 min Scan# 698
Delta R.T. -0.07 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

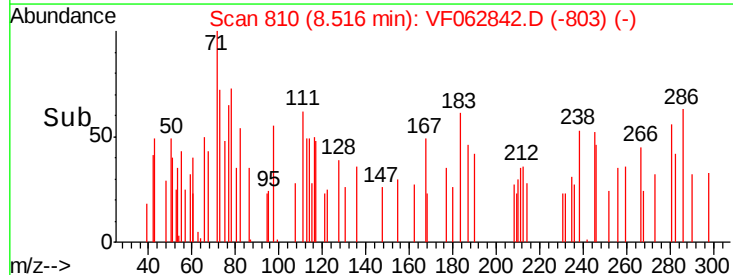
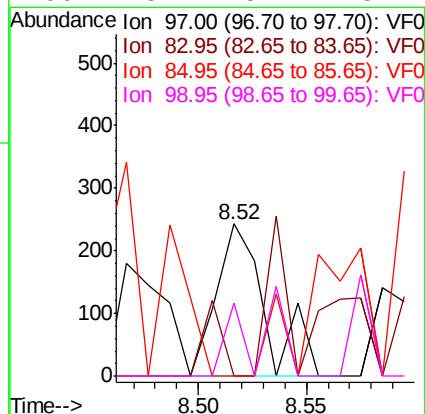
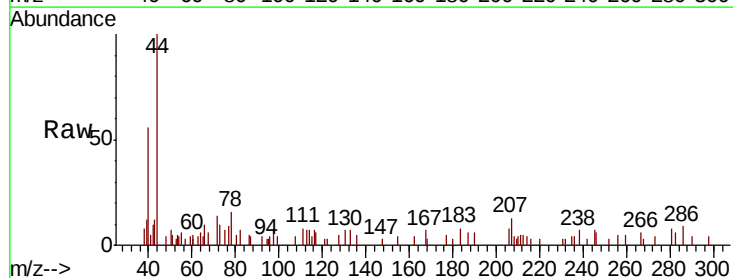
Tot Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.8	38.8
39	39.0	28.4	42.6

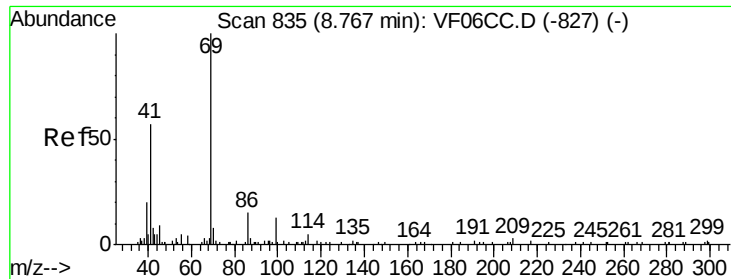


#55

1,1,2-Trichloroethane
Concen: 293.963 ug/l
RT: 8.52 min Scan# 810
Delta R.T. -0.14 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	0.0	47.5	71.3#
99	48.1	54.1	81.1#





#56

Ethyl methacrylate

Concen: 271.830 ug/l

RT: 8.64 min Scan# 823

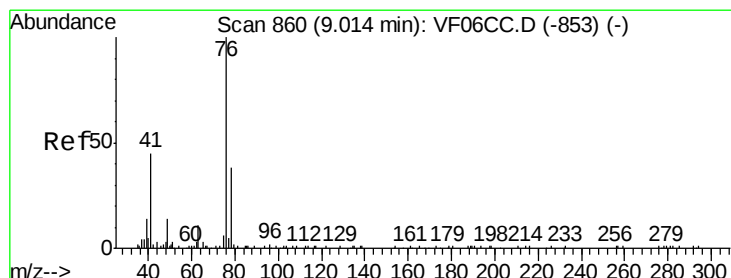
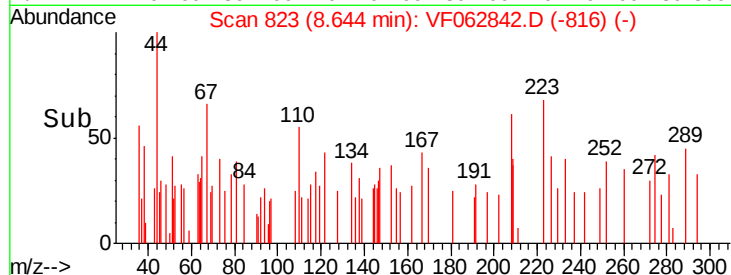
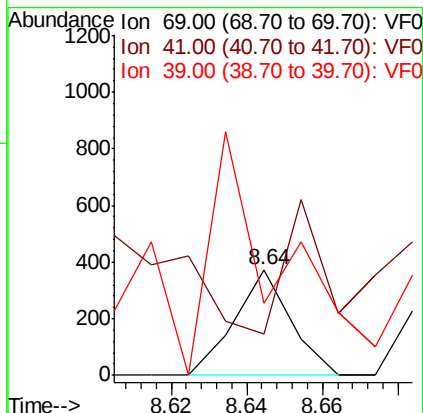
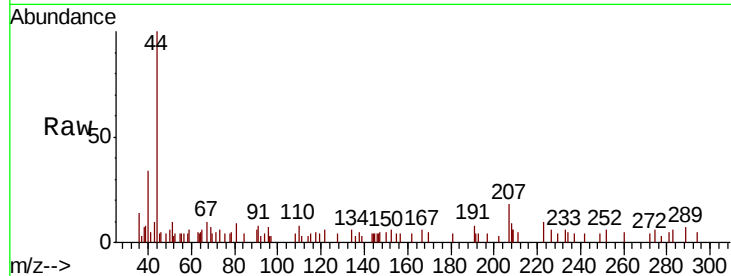
Delta R.T. -0.14 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	69	Resp:	381
Ion	Ratio	Lower	Upper
69	100		
41	39.6	46.6	69.8#
39	68.2	19.6	29.4#



#57

1,3-Dichloropropane

Concen: 81.099 ug/l

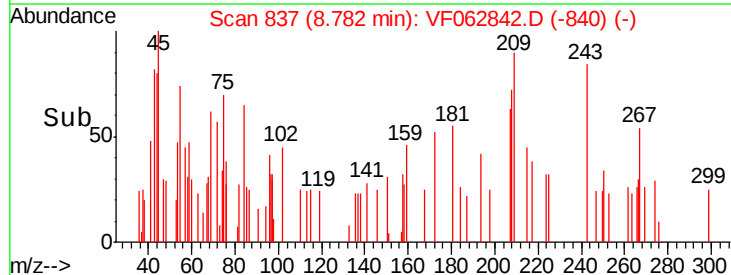
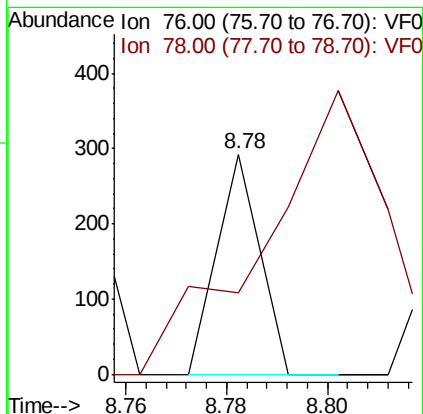
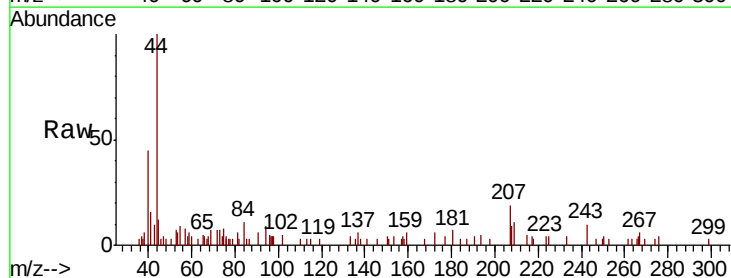
RT: 8.78 min Scan# 837

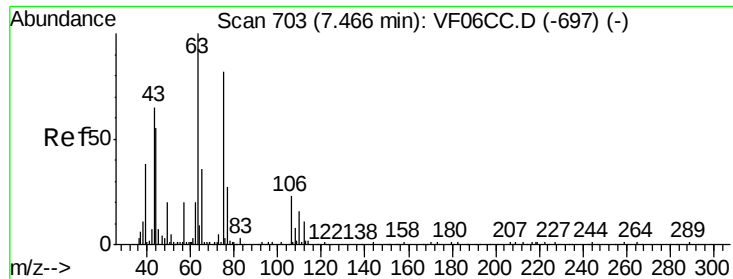
Delta R.T. -0.23 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	76	Resp:	173
Ion	Ratio	Lower	Upper
76	100		
78	37.3	26.8	40.2

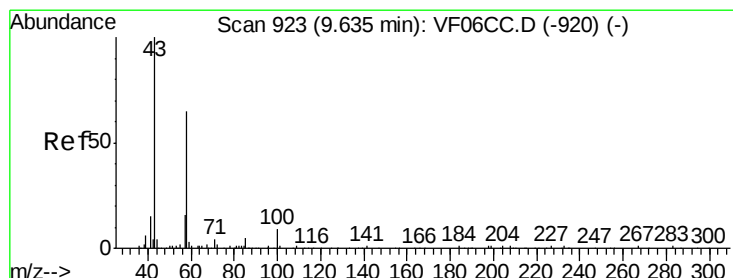
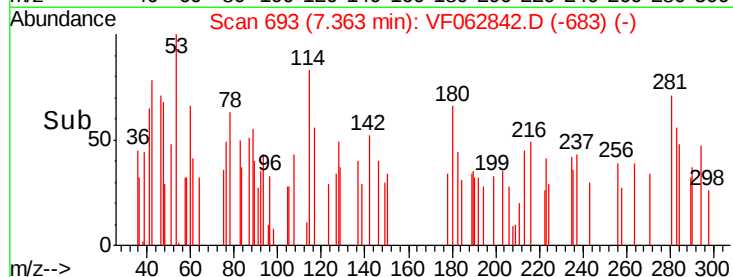
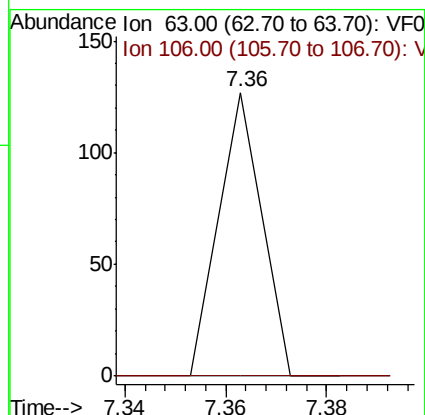
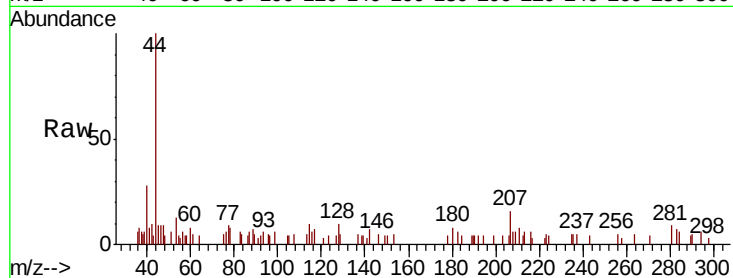




#58
2-Chloroethyl Vinyl ether
Concen: 153.109 ug/l
RT: 7.36 min Scan# 693
Delta R.T. -0.11 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

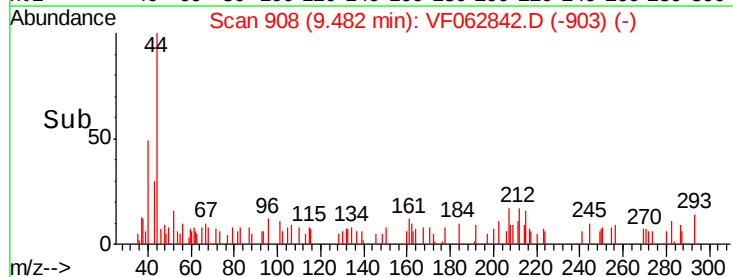
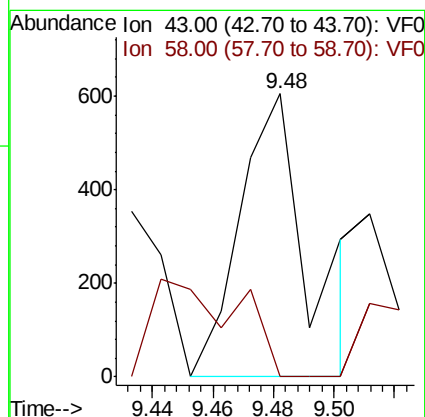
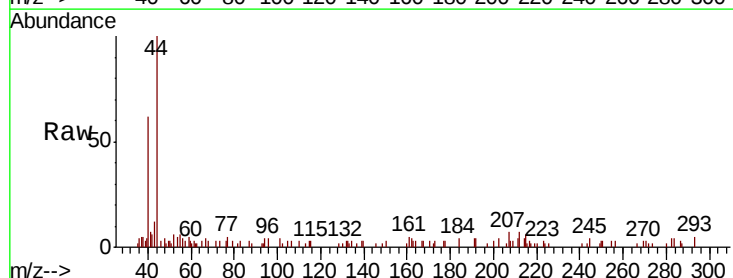
Instrument :
MSVOA_F
ClientSampled :

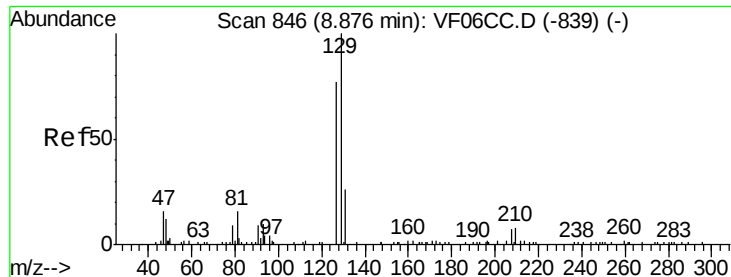
Tot Ion: 63 Resp: 75
Ion Ratio Lower Upper
63 100
106 0.0 19.5 29.3#



#59
2-Hexanone
Concen: 1330.941 ug/l
RT: 9.48 min Scan# 908
Delta R.T. -0.15 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 0.0 29.3 87.9#





#60

Dibromochloromethane

Concen: 72.963 ug/l

RT: 8.57 min Scan# 815

Delta R.T. -0.31 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

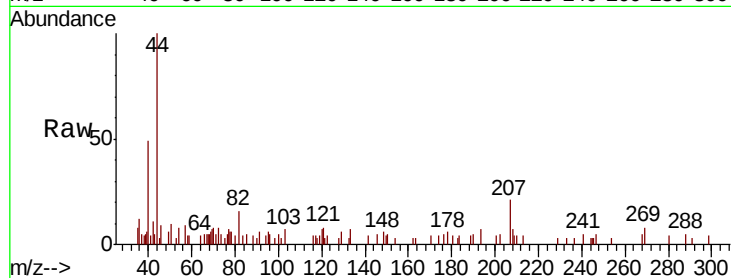
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:129 Resp: 118

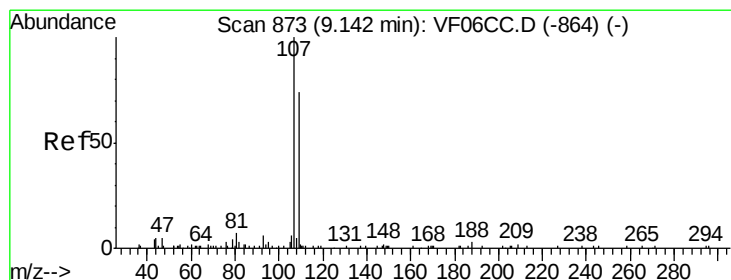
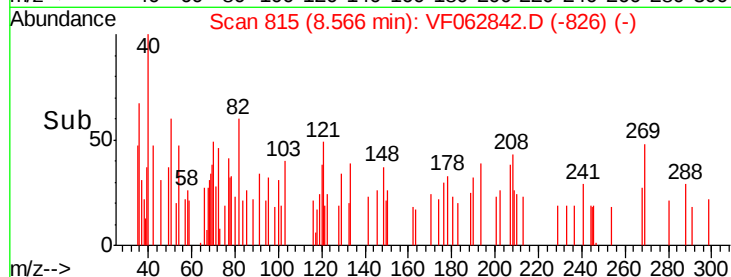
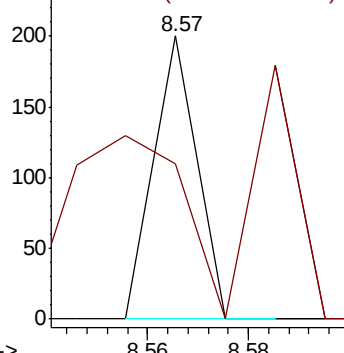
Ion Ratio Lower Upper

129 100

127 55.0 37.1 111.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 150.370 ug/l

RT: 9.02 min Scan# 861

Delta R.T. -0.14 min

Lab File: VF062842.D

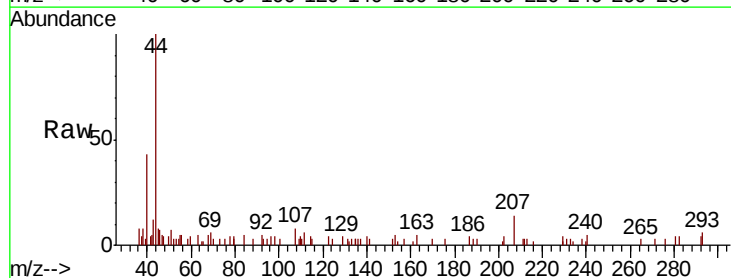
Acq: 4 Jun 2019 16:46

Tgt Ion:107 Resp: 204

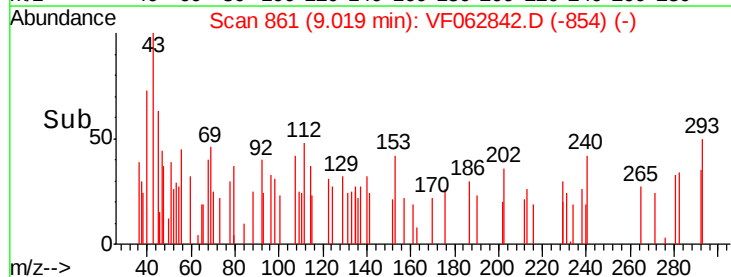
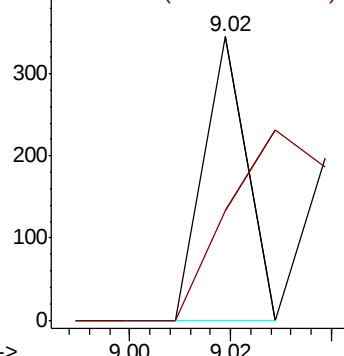
Ion Ratio Lower Upper

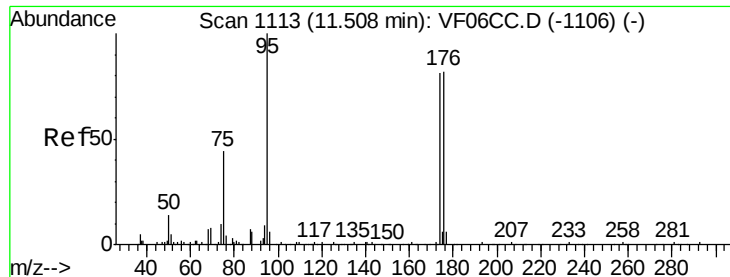
107 100

109 38.6 78.1 117.1#



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#62

4-Bromofluorobenzene

Concen: 306.812 ug/l

RT: 11.33 min Scan# 1095

Delta R.T. -0.18 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

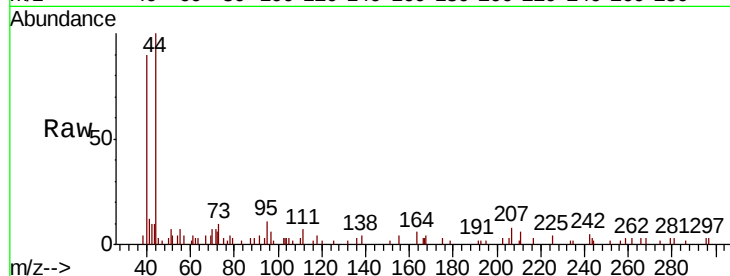
Tot Ion: 95 Resp: 639

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

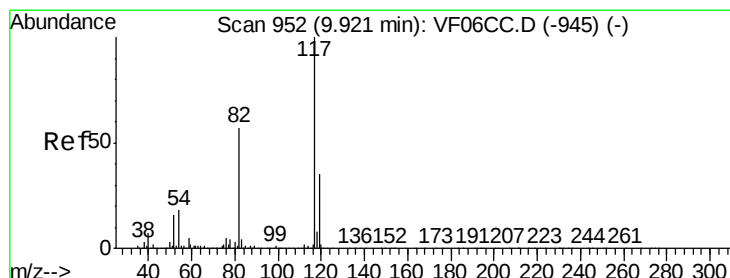
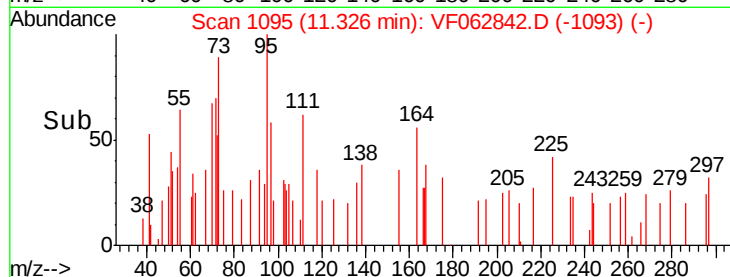
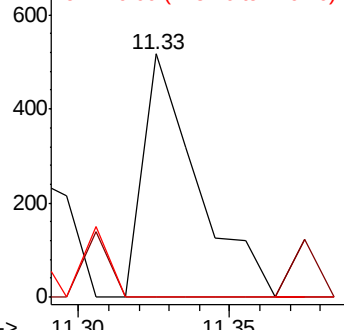
176 0.0 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 937

Delta R.T. -0.16 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

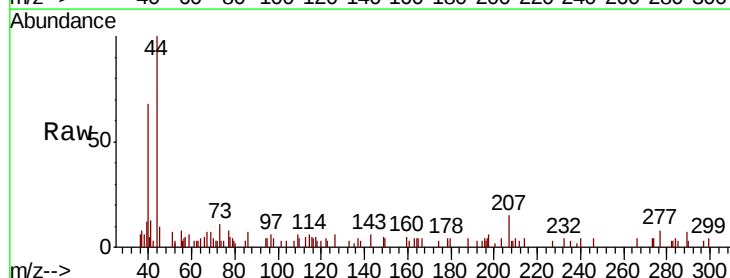
Tgt Ion: 117 Resp: 198

Ion Ratio Lower Upper

117 100

82 0.0 42.4 63.6#

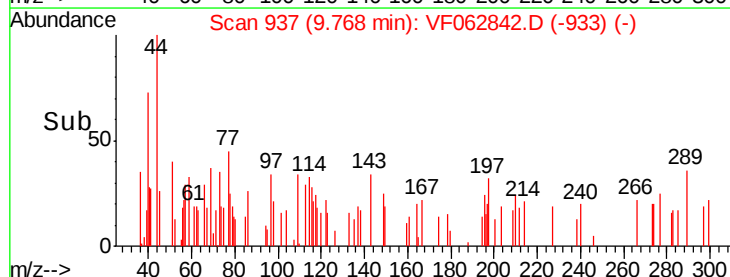
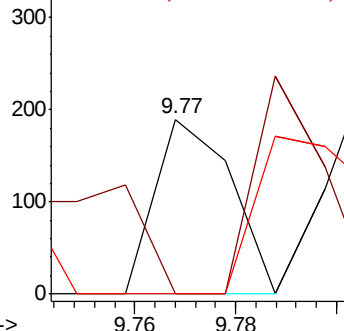
119 0.0 27.1 40.7#

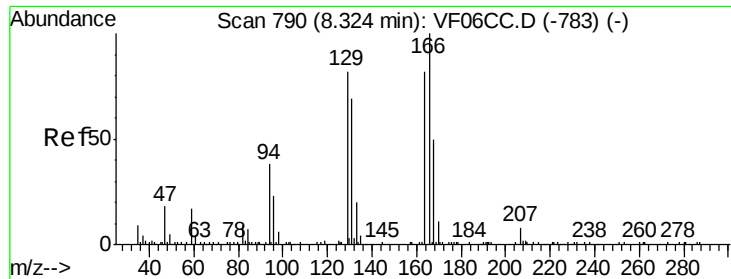


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#64

Tetrachloroethene

Concen: 109.759 ug/l

RT: 8.32 min Scan# 790

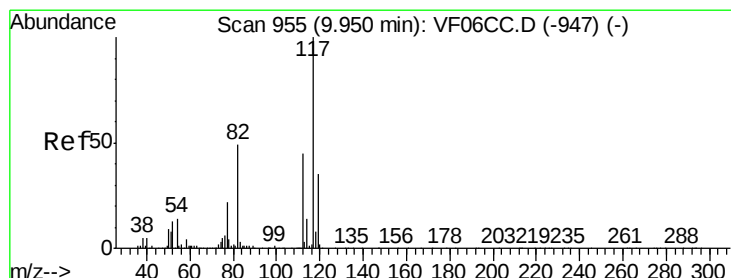
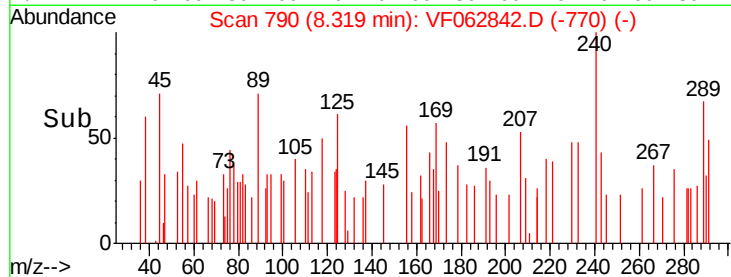
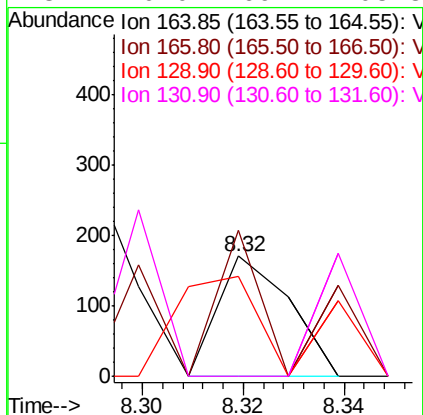
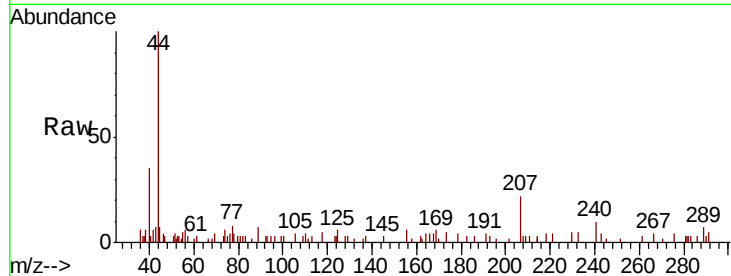
Delta R.T. -0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:164	Resp:	167
Ion Ratio	Lower	Upper
164	100	
166	122.4	99.1 148.7
129	82.9	69.5 104.3
131	0.0	69.2 103.8#



#65

Chlorobenzene

Concen: 61.197 ug/l

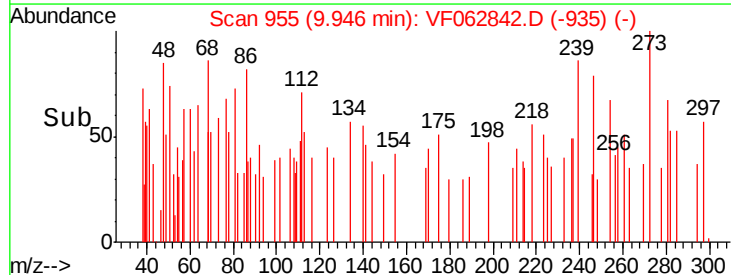
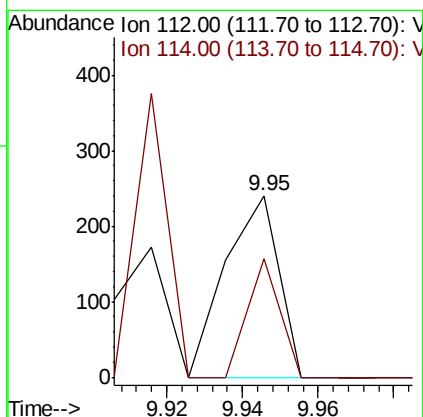
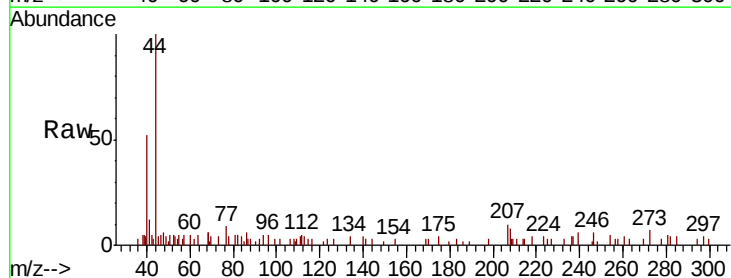
RT: 9.95 min Scan# 955

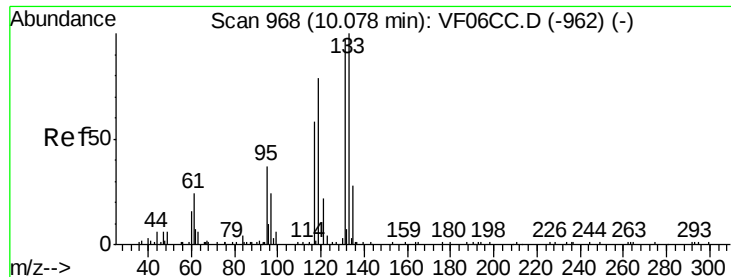
Delta R.T. -0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt	Ion:112	Resp:	234
Ion	Ratio	Lower	Upper
112	100		
114	37.7	27.4	41.0





#66

1,1,1,2-Tetrachloroethane

Concen: 86.025 ug/l

RT: 10.08 min Scan# 969

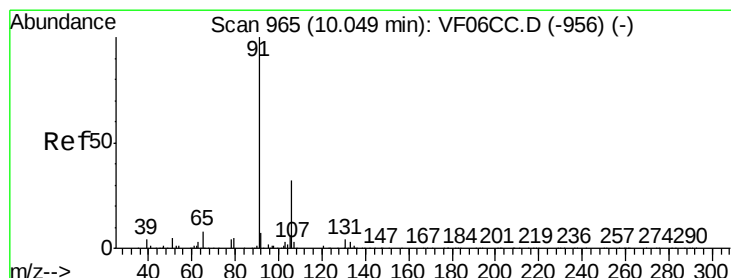
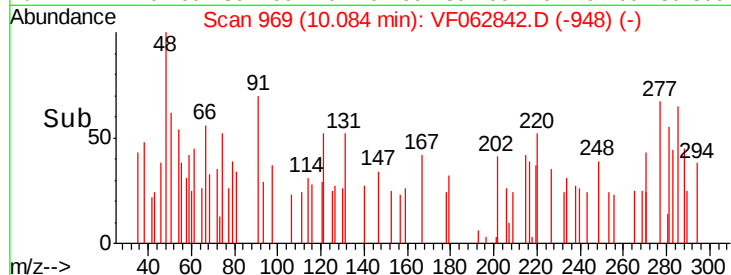
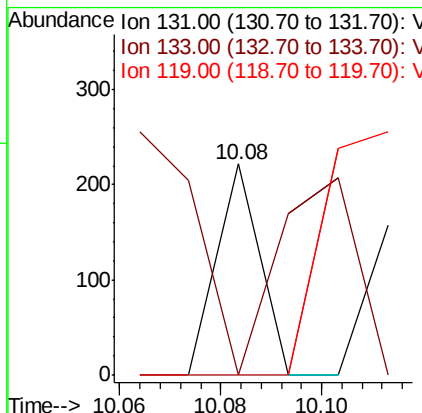
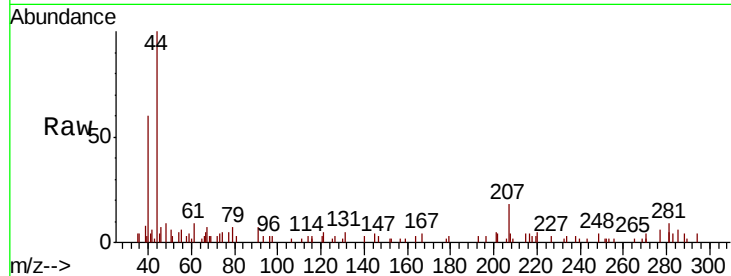
Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	131	Resp:	131
Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.9	146.7#
119	0.0	38.0	114.0#



#67

Ethyl Benzene

Concen: 144.020 ug/l

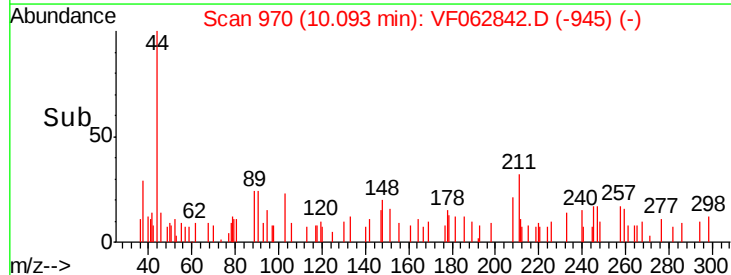
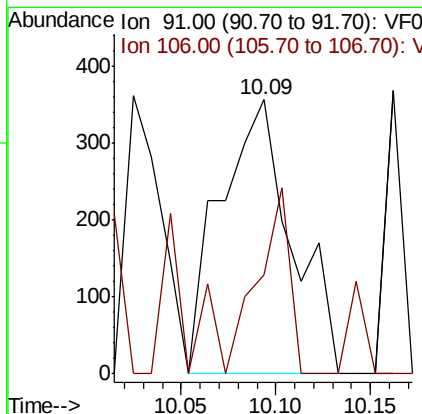
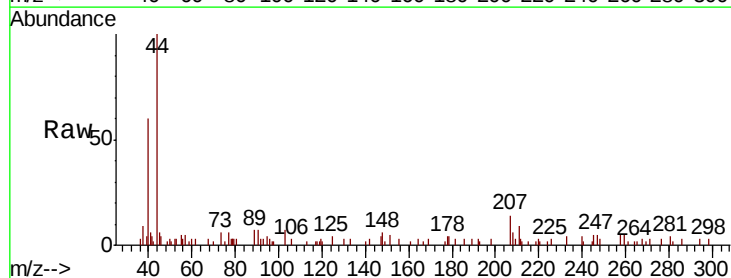
RT: 10.09 min Scan# 970

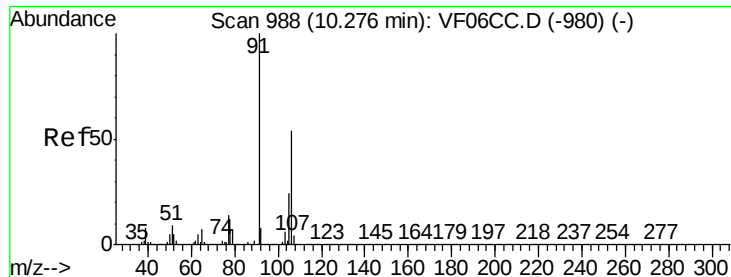
Delta R.T. 0.04 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	91	Resp:	945
Ion	Ratio	Lower	Upper
91	100		
106	36.1	26.0	39.0

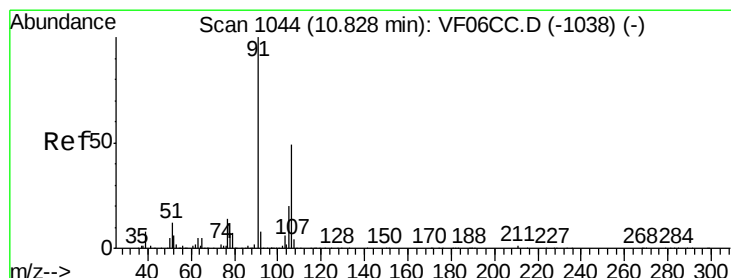
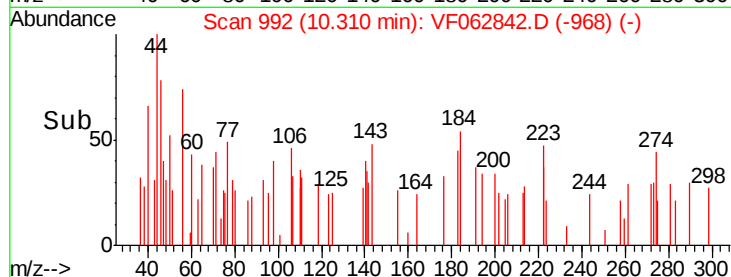
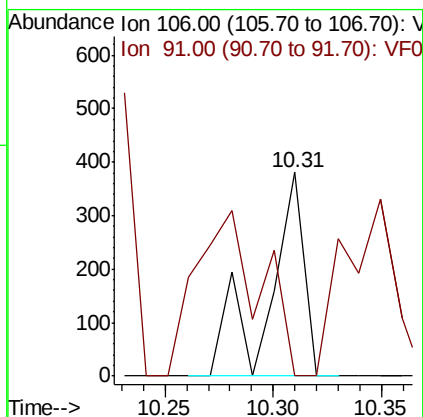
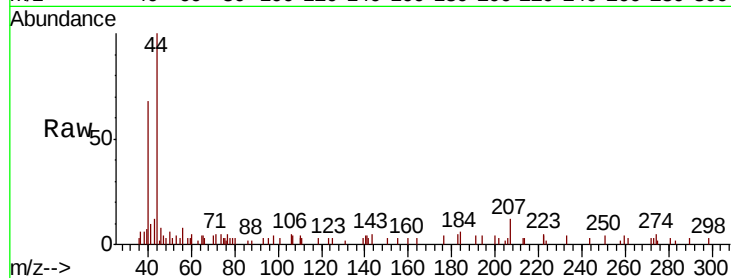




#68
m/p-Xylenes
Concen: 172.847 ug/l
RT: 10.31 min Scan# 992
Delta R.T. 0.03 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

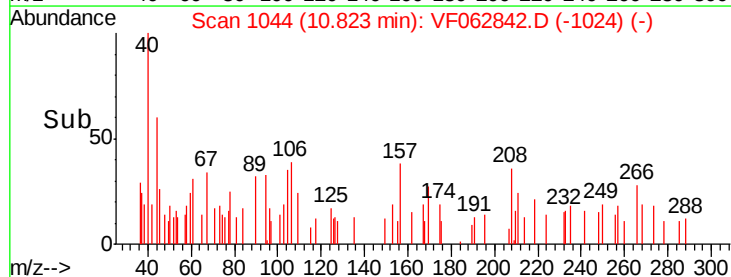
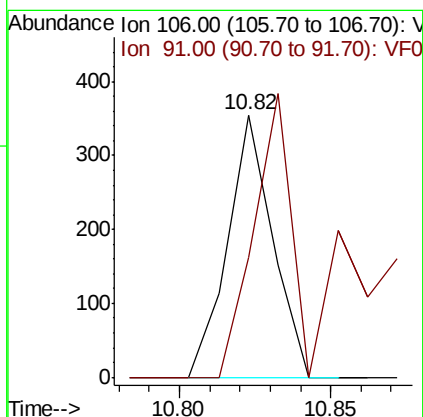
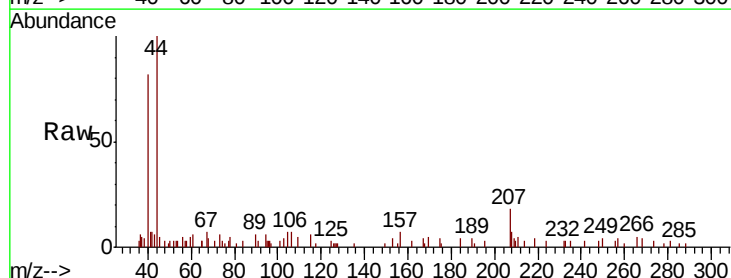
Instrument :
MSVOA_F
ClientSampled :

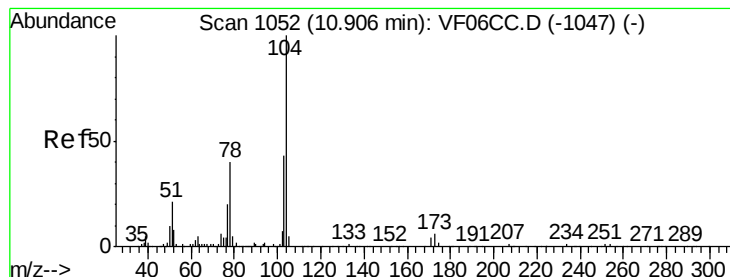
Tot Ion:106 Resp: 434
Ion Ratio Lower Upper
106 100
91 0.0 136.2 204.4#



#69
o-Xylene
Concen: 144.364 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion:106 Resp: 367
Ion Ratio Lower Upper
106 100
91 45.9 96.6 289.8#





#70

Stvrene

Concen: 96.076 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. -0.02 min

Lab File: VF062842.D

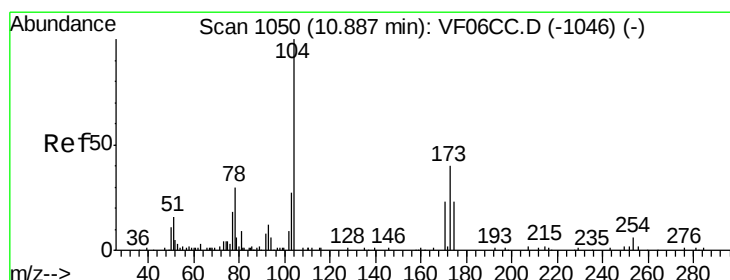
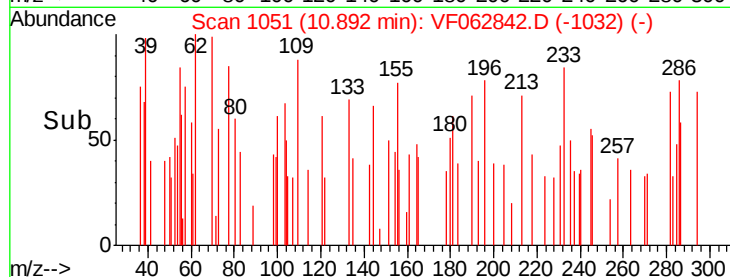
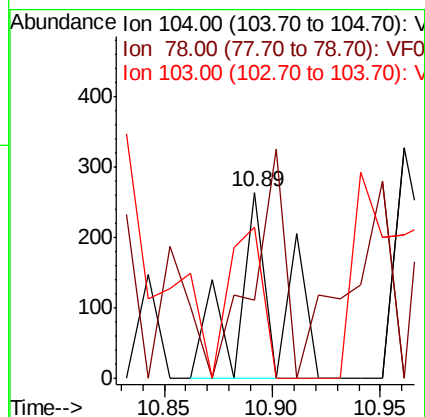
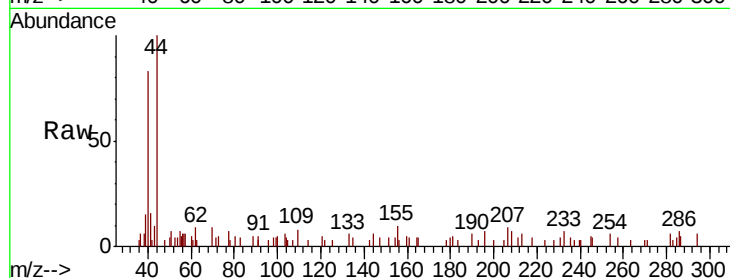
Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	104	Resp:	360
Ion	Ratio	Lower	Upper
104	100		
78	42.0	30.8	46.2
103	81.1	35.8	53.6#



#71

Bromoform

Concen: 95.822 ug/l

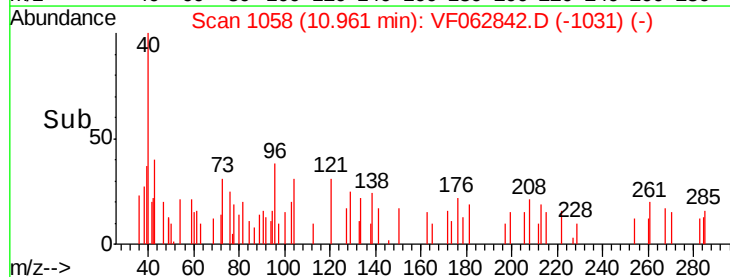
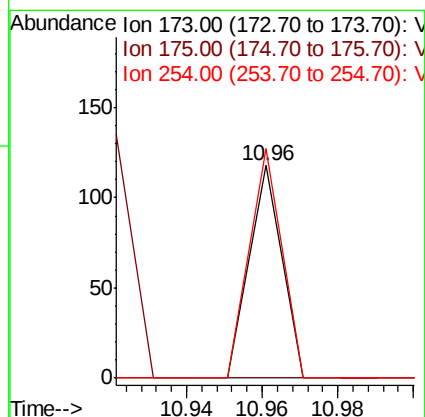
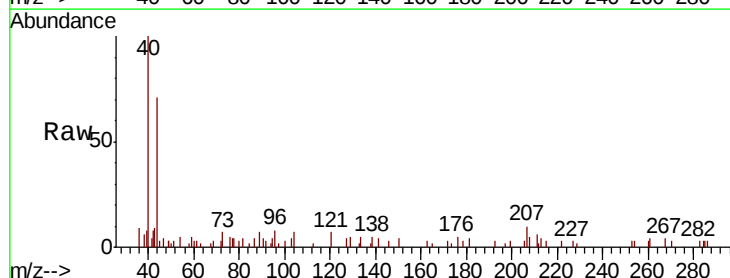
RT: 10.96 min Scan# 1058

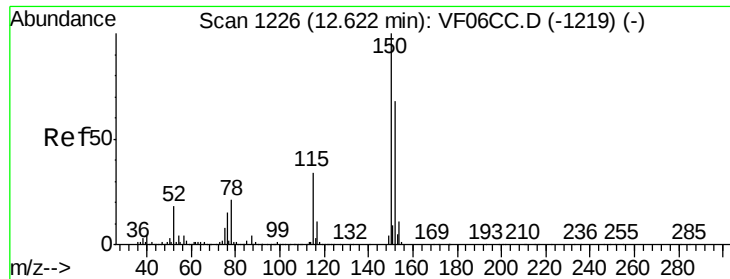
Delta R.T. 0.06 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	173	Resp:	70
Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	74.0#
254	107.6	0.1	0.1#



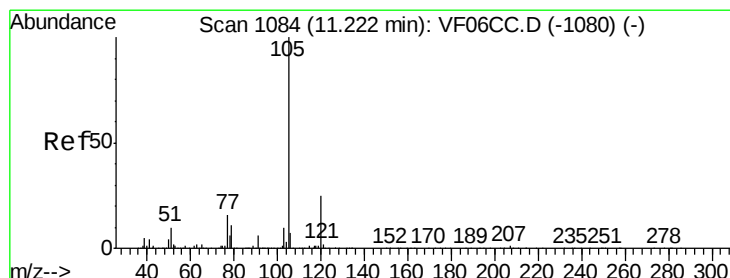
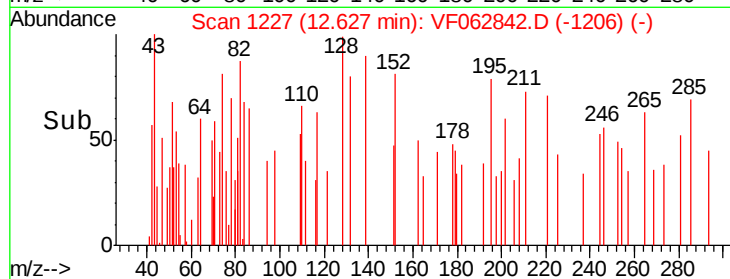
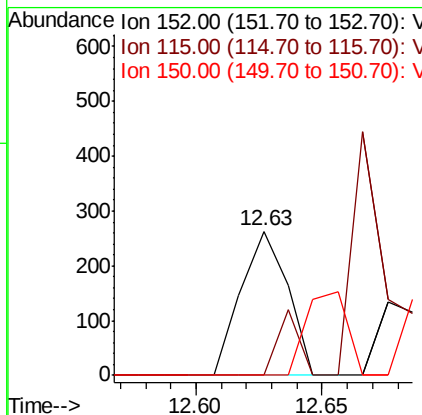
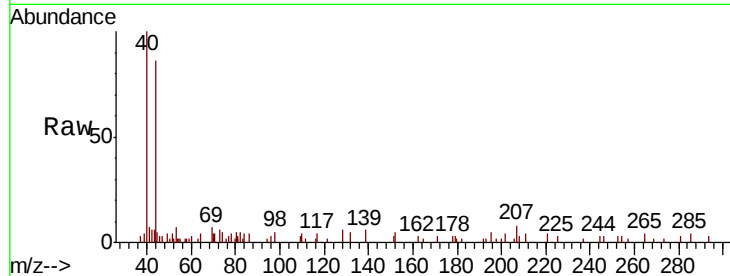


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampled :

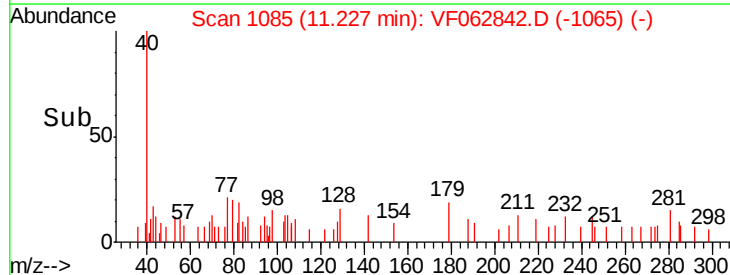
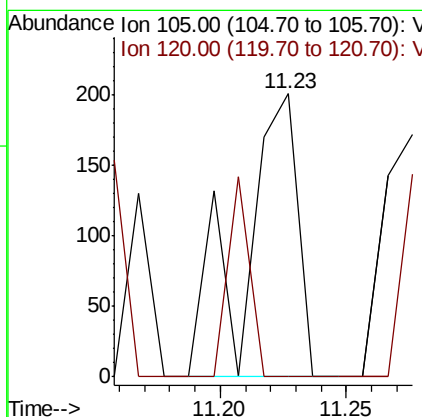
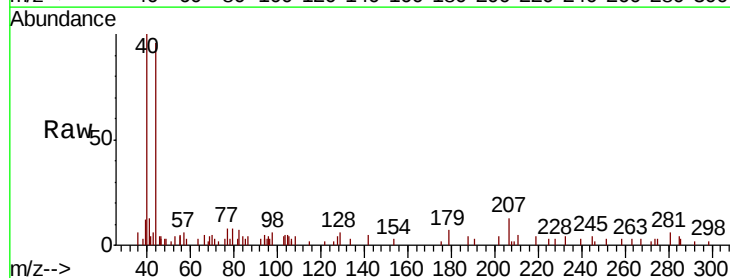
Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	24.6	74.0#
150	0.0	0.0	290.6

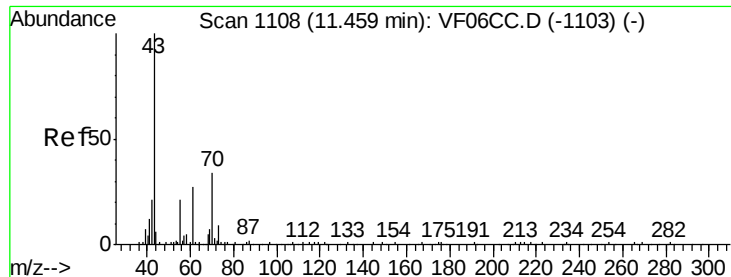


#73

Isopropylbenzene
Concen: 12.636 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	15.1	45.3#





#74

N-amvl acetate

Concen: 93.425 ug/l

RT: 11.42 min Scan# 1105

Delta R.T. -0.04 min

Lab File: VF062842.D

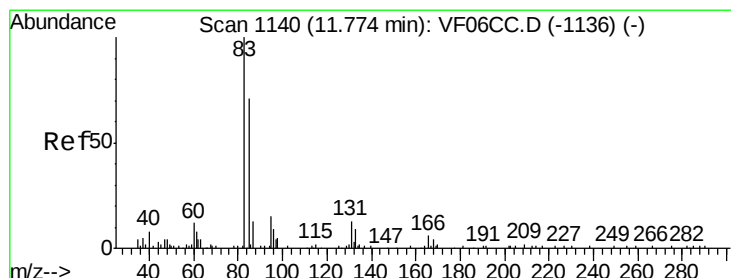
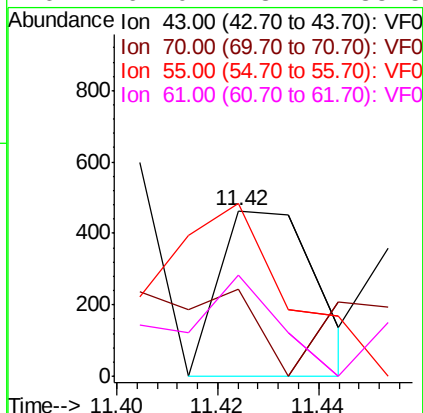
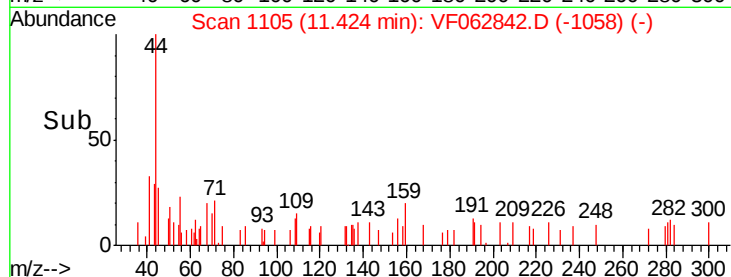
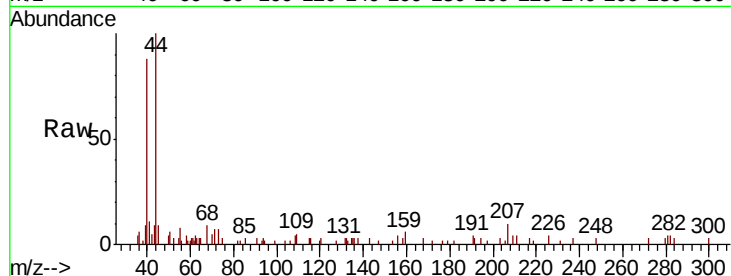
Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	43	Resp:	621
Ion	Ratio	Lower	Upper
43	100		
70	52.8	32.9	49.3#
55	104.1	17.3	25.9#
61	61.0	23.7	35.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 81.208 ug/l

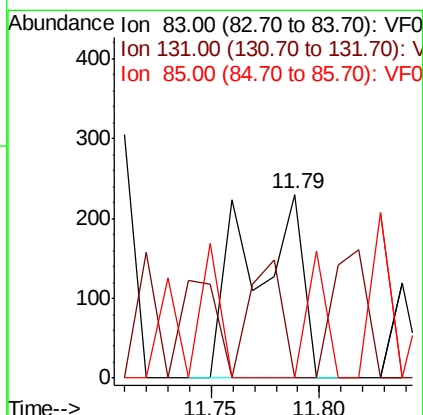
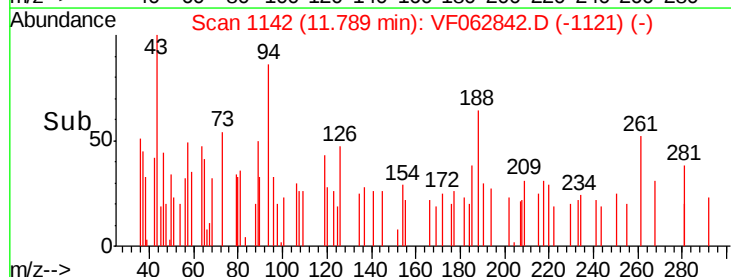
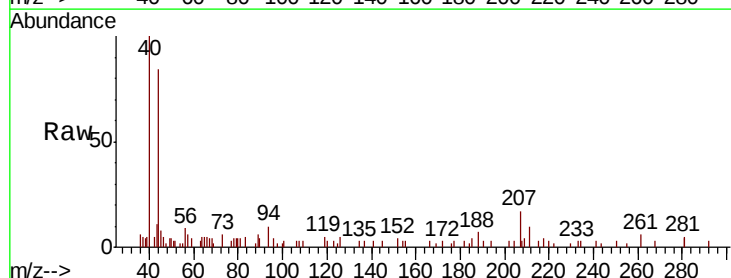
RT: 11.79 min Scan# 1142

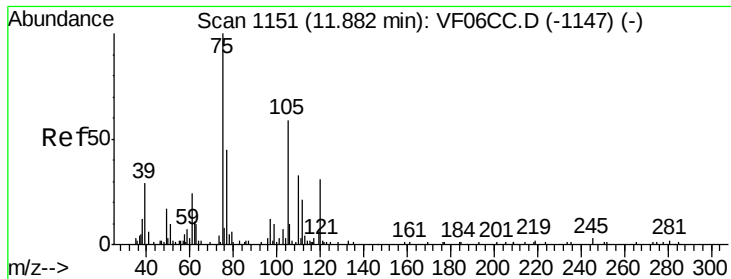
Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	83	Resp:	409
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	0.0	32.1	96.5#





#76

1,2,3-Trichloropropane

Concen: 92.258 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

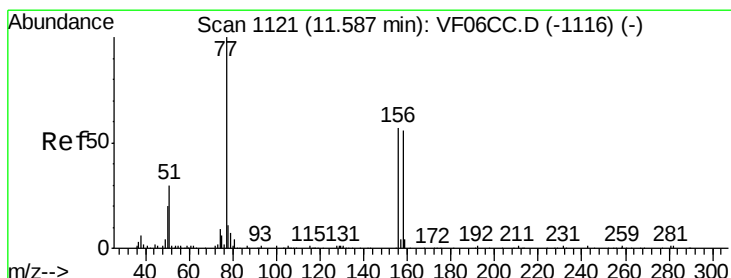
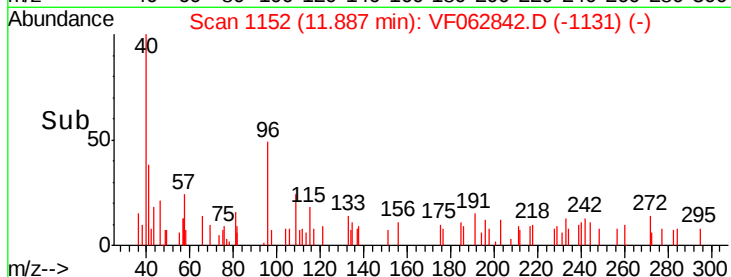
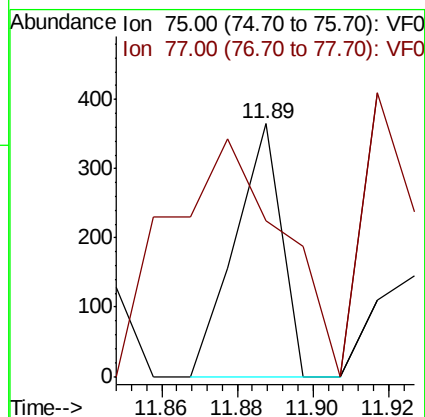
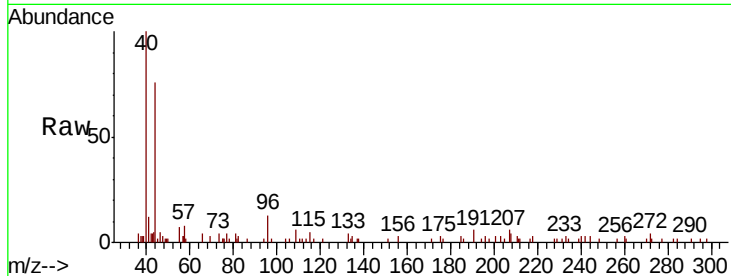
ClientSampled :

Tot Ion: 75 Resp: 308

Ion Ratio Lower Upper

75 100

77 61.4 20.1 60.2#



#77

Bromobenzene

Concen: 74.083 ug/l

RT: 11.55 min Scan# 1118

Delta R.T. -0.05 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

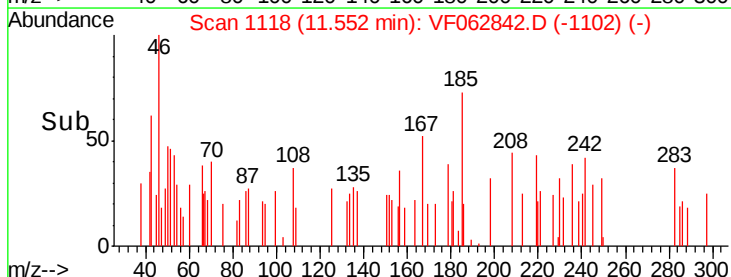
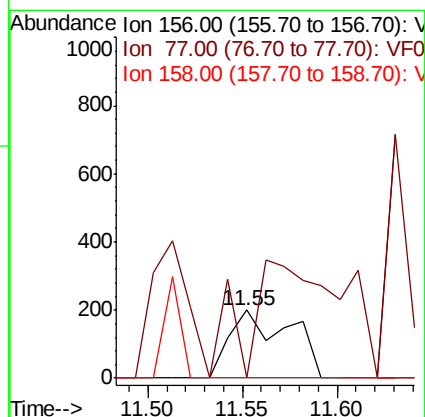
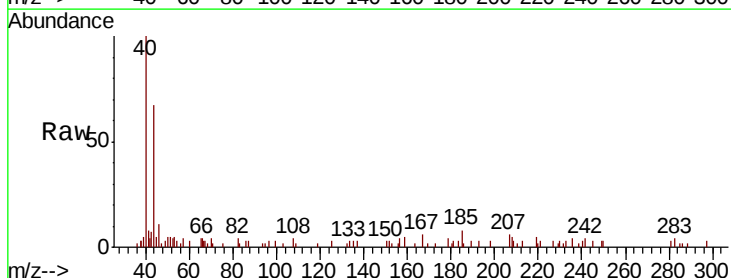
Tgt Ion: 156 Resp: 439

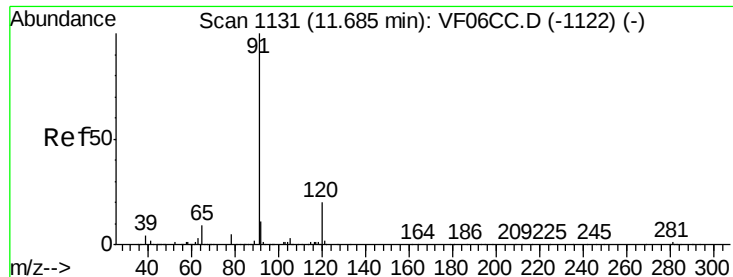
Ion Ratio Lower Upper

156 100

77 0.0 64.2 192.6#

158 0.0 50.3 151.0#





#78

n-propylbenzene

Concen: 6.883 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

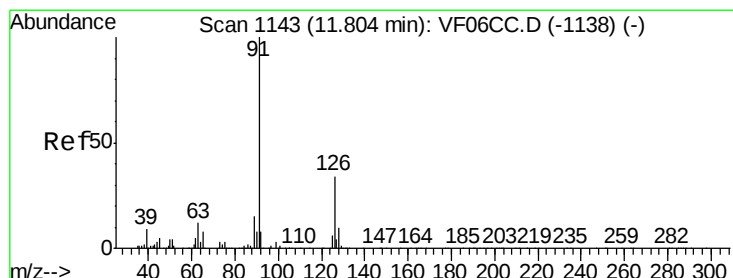
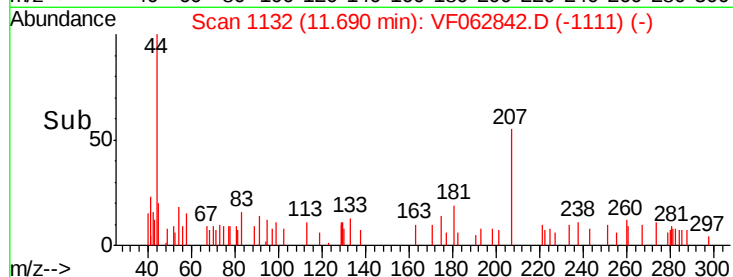
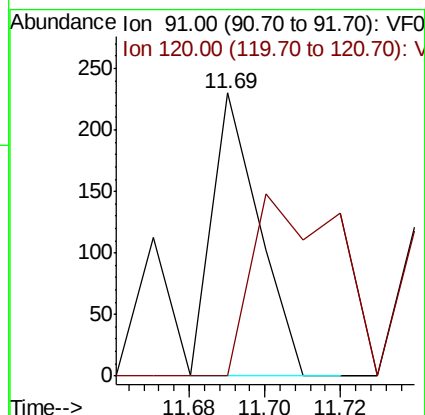
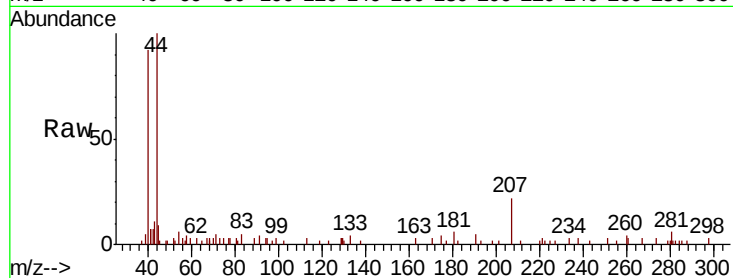
ClientSampled :

Tot Ion: 91 Resp: 196

Ion Ratio Lower Upper

91 100

120 0.0 12.8 38.4#



#79

2-Chlorotoluene

Concen: 7.856 ug/l

RT: 11.65 min Scan# 1128

Delta R.T. -0.15 min

Lab File: VF062842.D

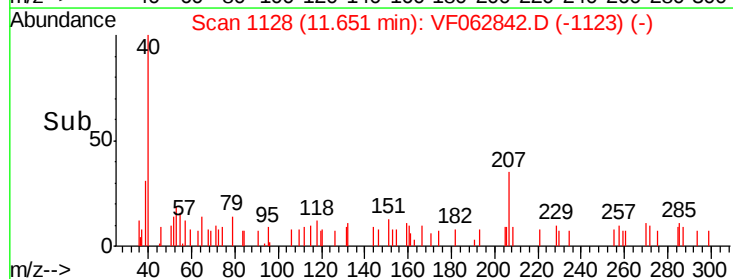
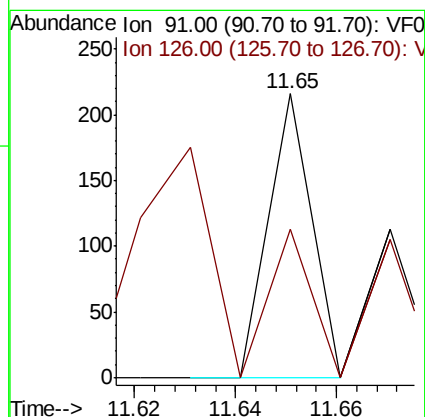
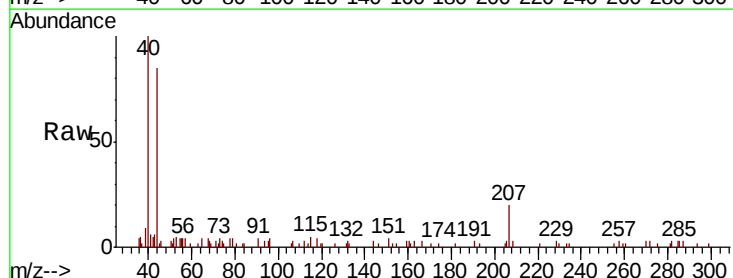
Acq: 4 Jun 2019 16:46

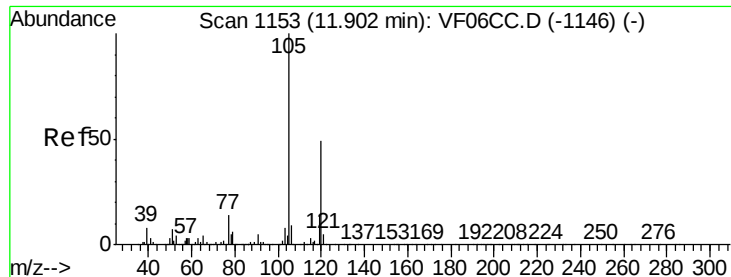
Tgt Ion: 91 Resp: 128

Ion Ratio Lower Upper

91 100

126 52.3 17.8 53.3





#80

1,3,5-Trimethylbenzene

Concen: 3.733 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

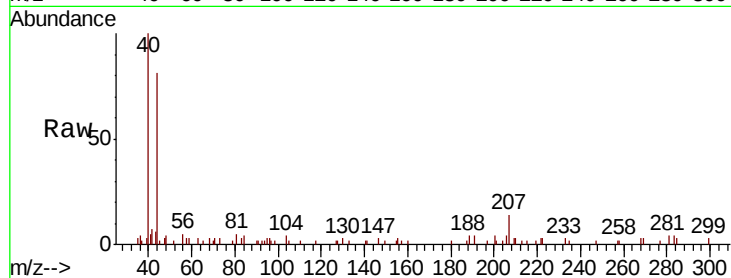
ClientSampleId :

Tot Ion:105 Resp: 72

Ion Ratio Lower Upper

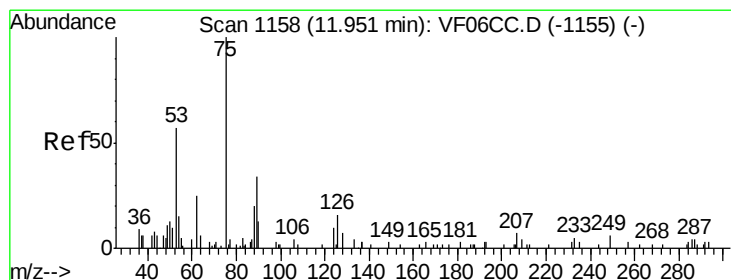
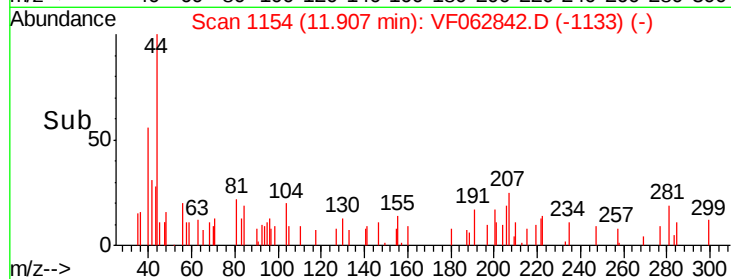
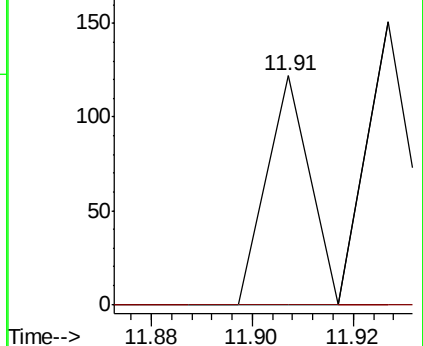
105 100

120 0.0 28.7 86.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 124.522 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

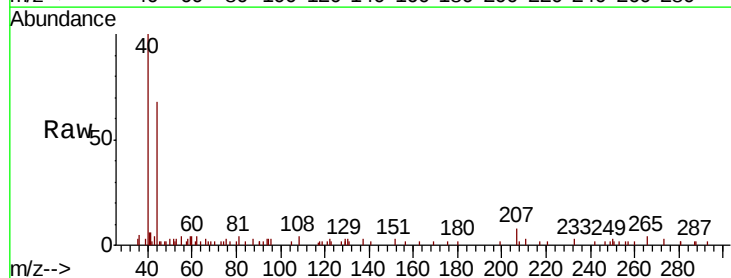
Tgt Ion: 75 Resp: 176

Ion Ratio Lower Upper

75 100

53 99.5 43.5 65.3#

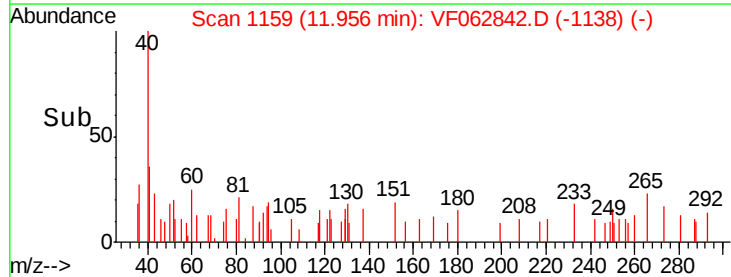
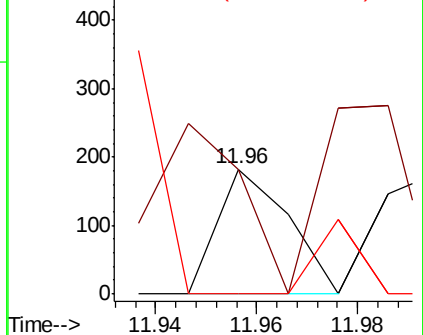
89 0.0 34.3 51.5#

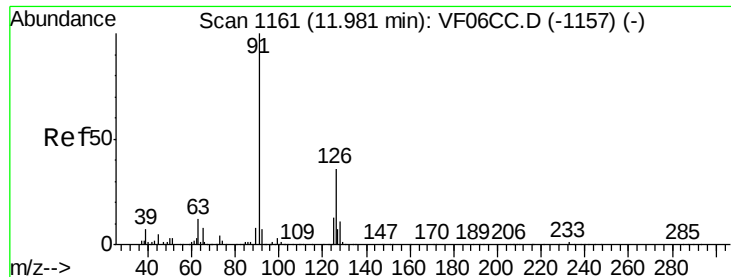


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

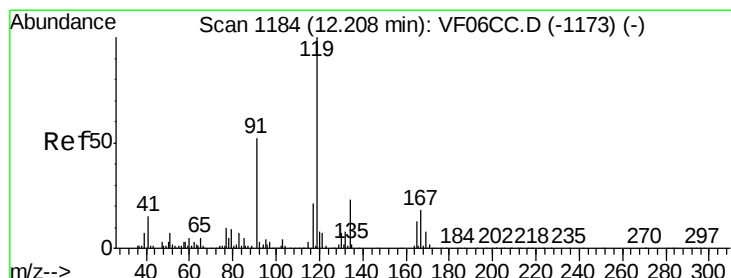
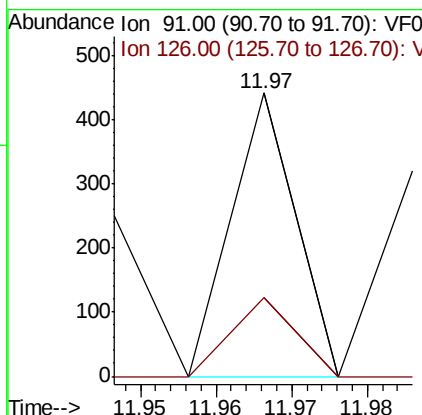
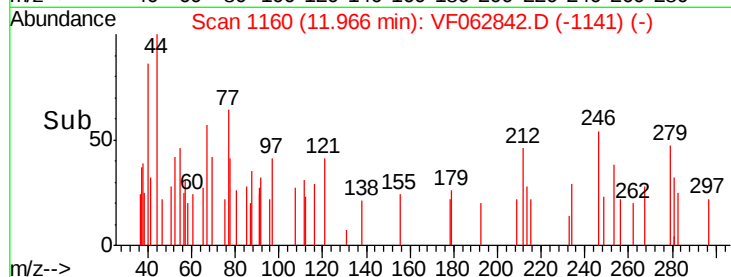
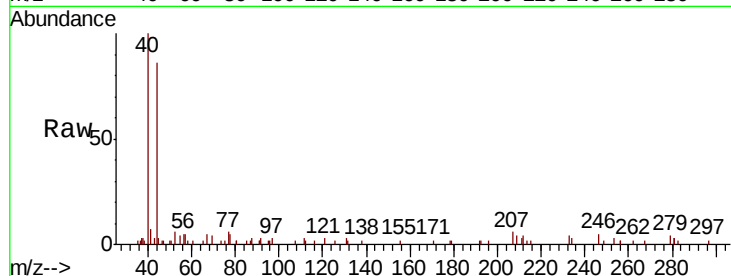




#82
4-Chlorotoluene
Concen: 16.299 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. -0.02 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

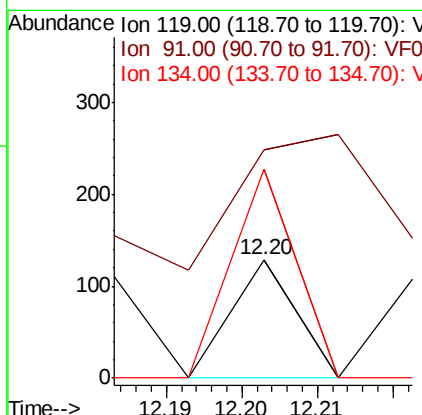
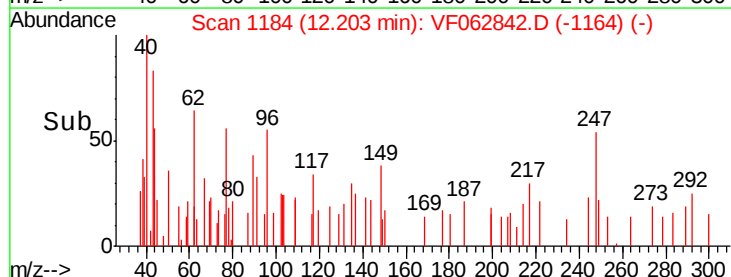
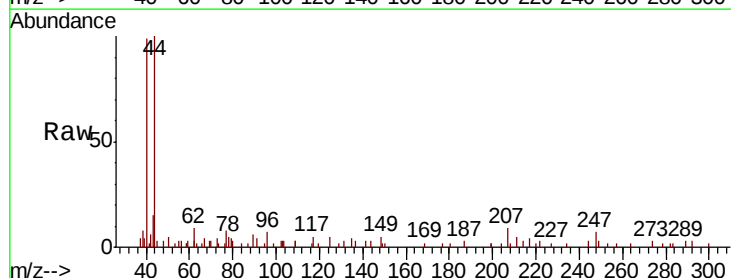
Instrument :
MSVOA_F
ClientSampled :

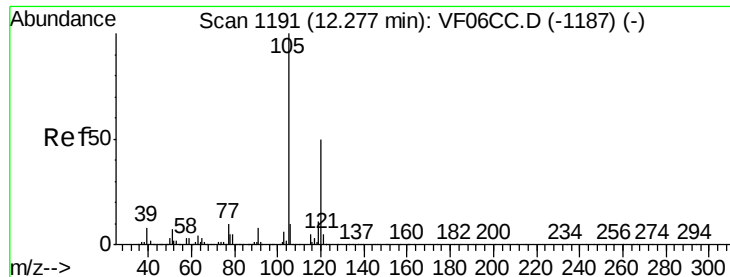
Tot Ion: 91 Resp: 261
Ion Ratio Lower Upper
91 100
126 27.7 19.1 57.1



#83
tert-Butylbenzene
Concen: 3.977 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion: 119 Resp: 76
Ion Ratio Lower Upper
119 100
91 193.0 28.9 86.7#
134 176.7 14.3 42.9#



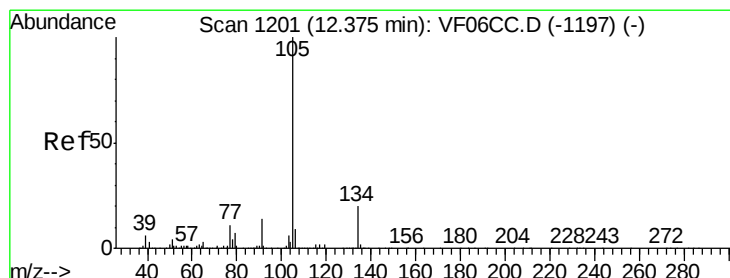
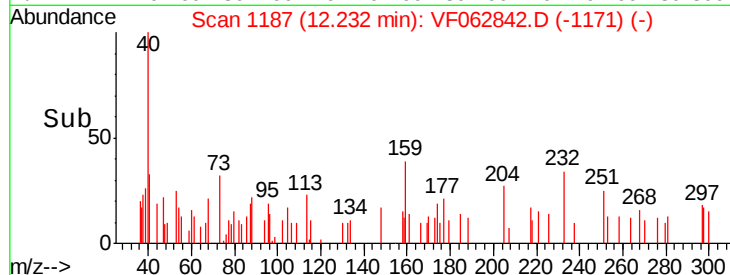
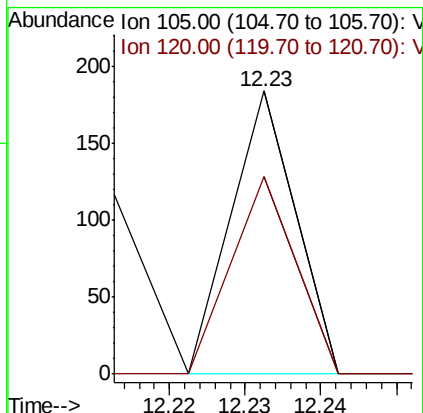
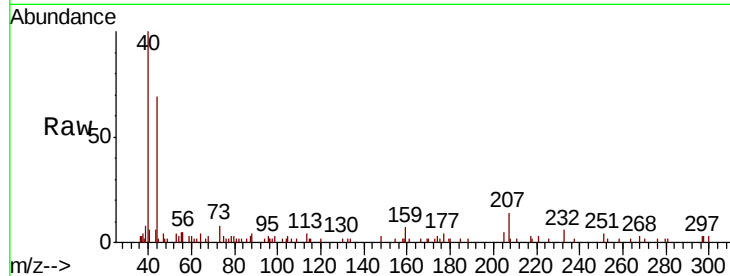


#84

1,2,4-Trimethylbenzene
Concen: 5.961 ug/l
RT: 12.23 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Instrument :
MSVOA_F
ClientSampleId :

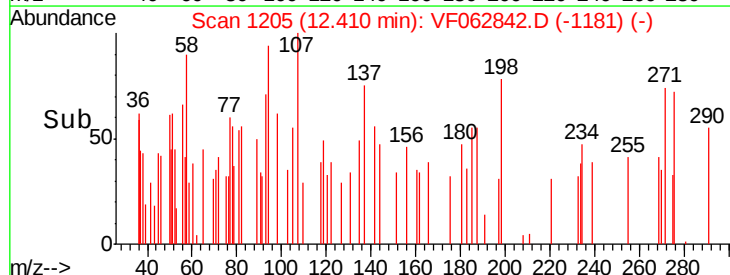
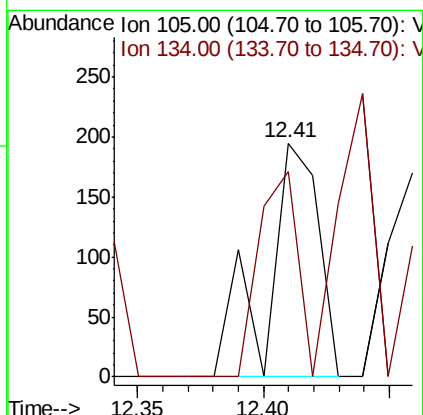
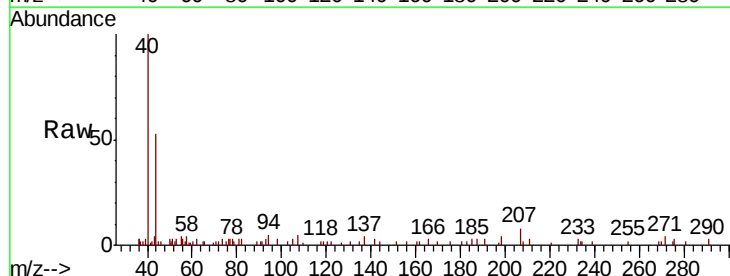
Tot Ion:105 Resp: 109
Ion Ratio Lower Upper
105 100
120 69.6 27.1 81.3

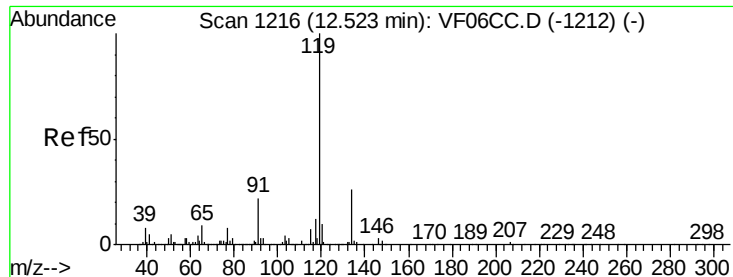


#85

sec-Butylbenzene
Concen: 11.000 ug/l
RT: 12.41 min Scan# 1205
Delta R.T. 0.03 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion:105 Resp: 277
Ion Ratio Lower Upper
105 100
134 87.7 10.5 31.6#

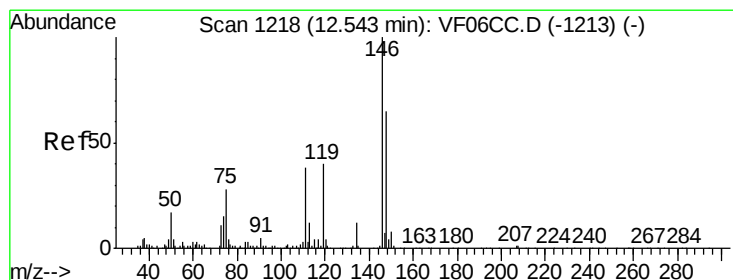
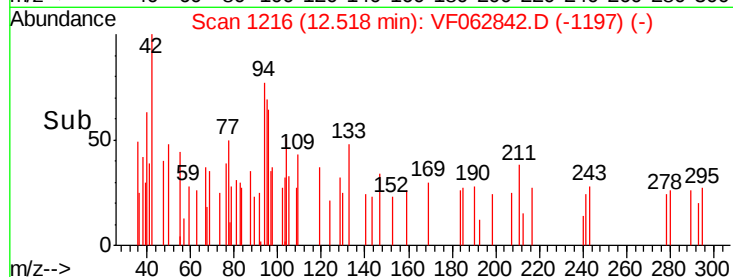
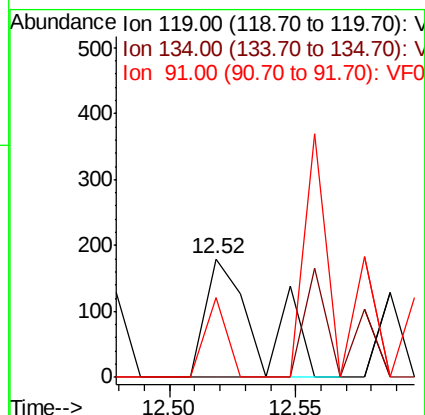
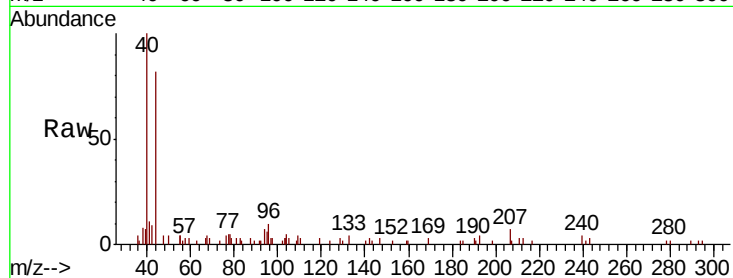




#86
p-Isopropyltoluene
Concen: 12.595 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. -0.02 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

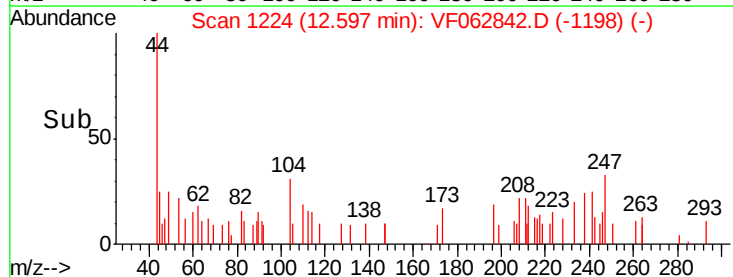
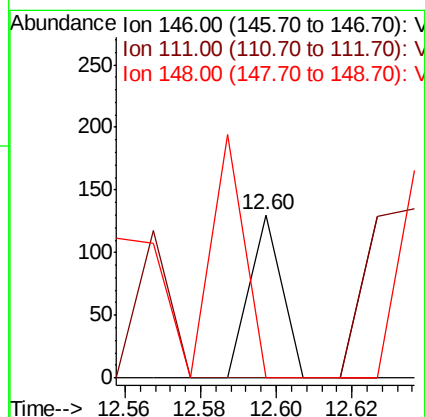
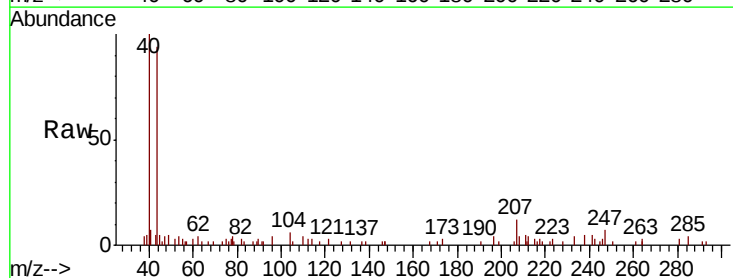
Instrument :
MSVOA_F
ClientSampled :

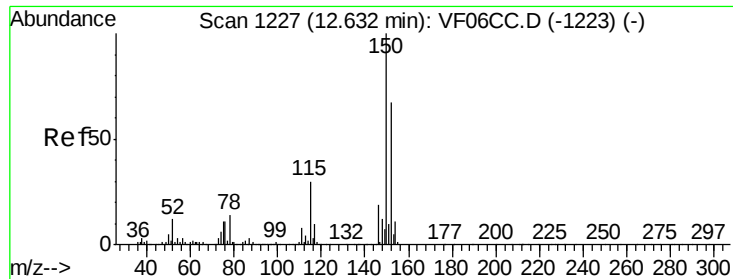
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	15.5	46.5#
91	67.8	10.3	30.9#



#87
1,3-Dichlorobenzene
Concen: 7.368 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. 0.05 min
Lab File: VF062842.D
Acq: 4 Jun 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.6	58.8#
148	0.0	34.2	102.5#





#88

1,4-Dichlorobenzene

Concen: 7.895 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VF062842.D

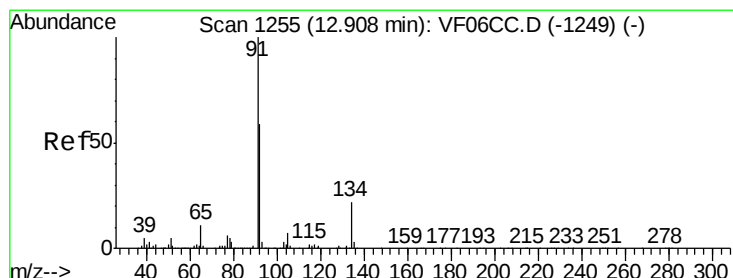
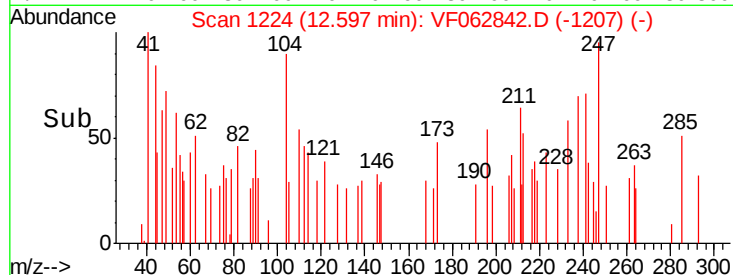
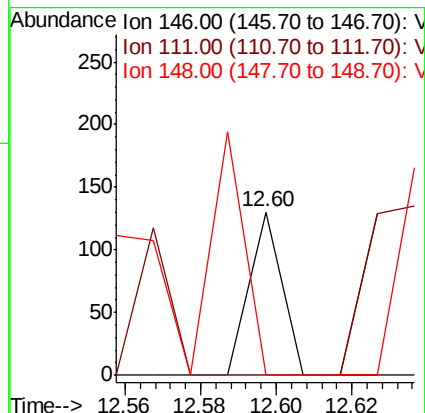
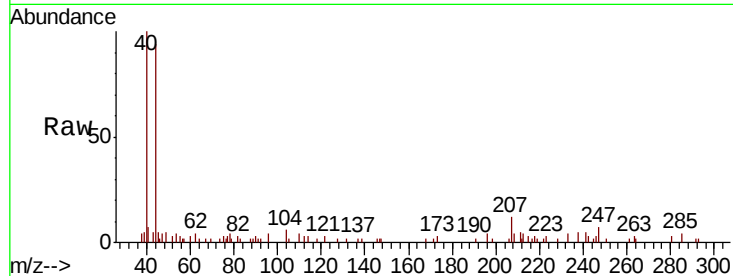
Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	146	Resp:	77
Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.3	60.9#
148	0.0	34.0	101.8#



#89

n-Butylbenzene

Concen: 32.583 ug/l

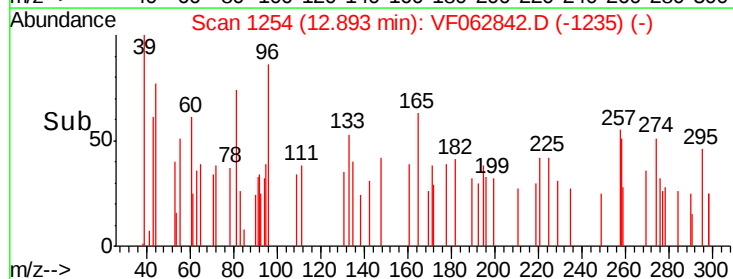
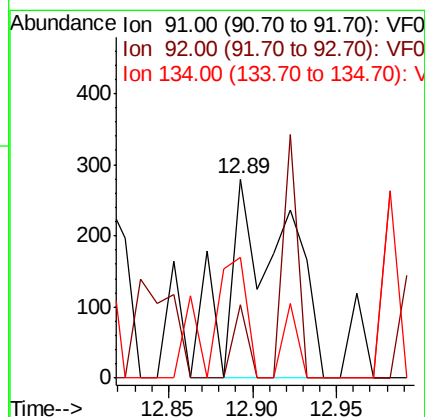
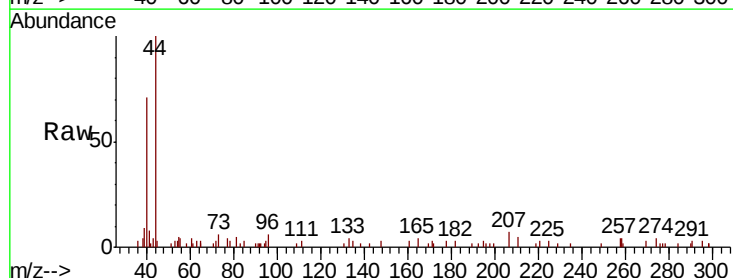
RT: 12.89 min Scan# 1254

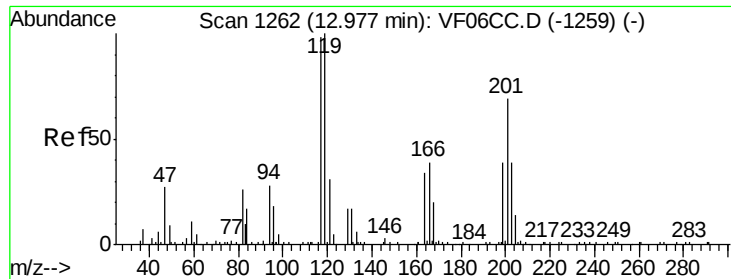
Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	91	Resp:	687
Ion	Ratio	Lower	Upper
91	100		
92	36.8	34.2	102.6
134	60.4	15.8	47.3#





#90

Hexachloroethane

Concen: 36.970 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. -0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

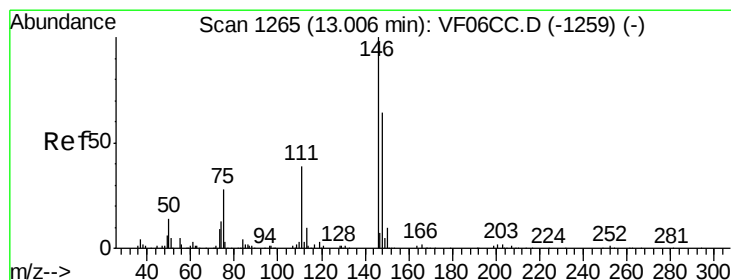
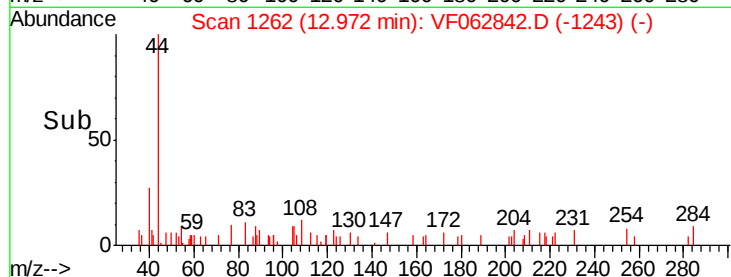
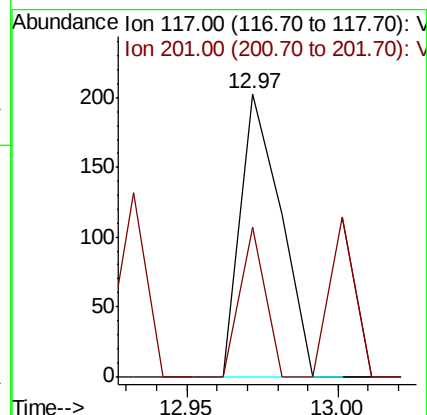
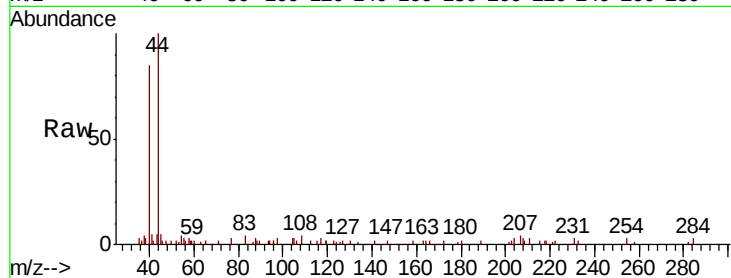
ClientSampled :

Tot Ion:117 Resp: 189

Ion Ratio Lower Upper

117 100

201 52.7 38.9 116.7



#91

1,2-Dichlorobenzene

Concen: 16.003 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.02 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

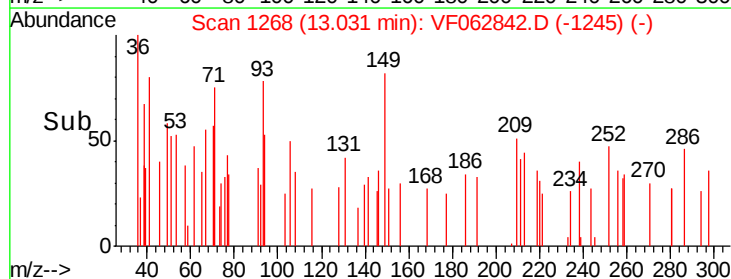
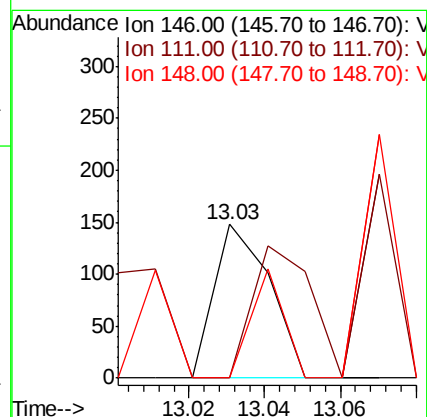
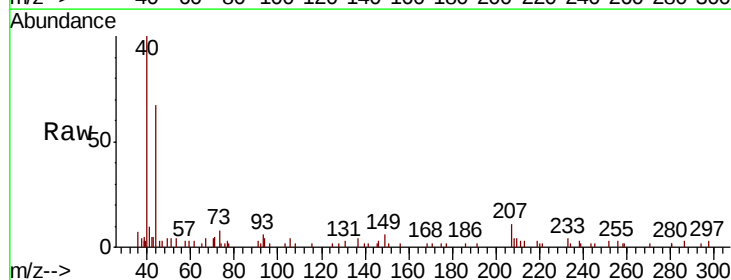
Tgt Ion:146 Resp: 147

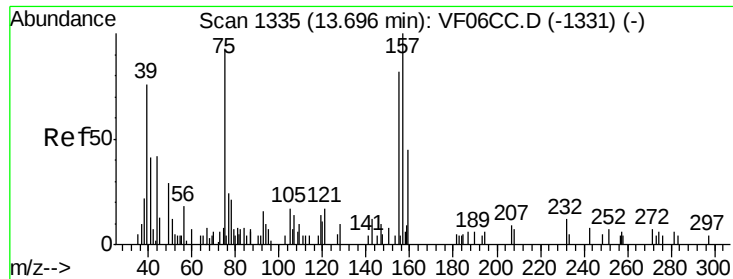
Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

148 0.0 34.1 102.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 575.899 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

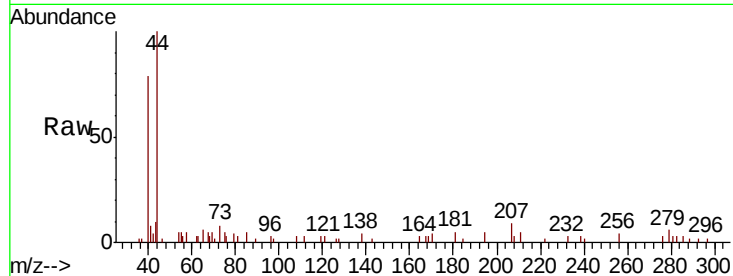
Tot Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

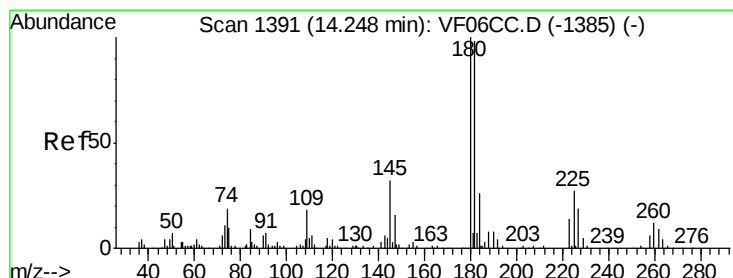
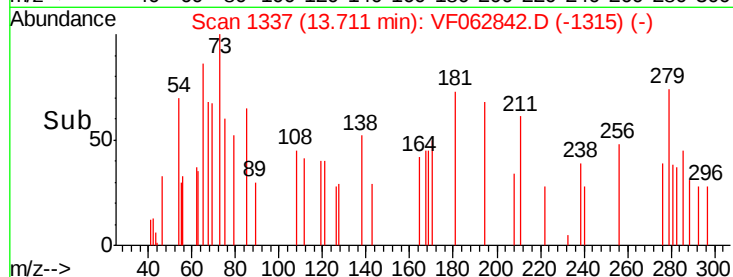
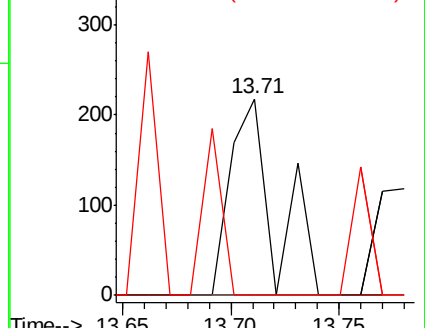
157 0.0 66.8 200.6#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#93

1,2,4-Trichlorobenzene

Concen: 13.953 ug/l

RT: 14.20 min Scan# 1387

Delta R.T. -0.05 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

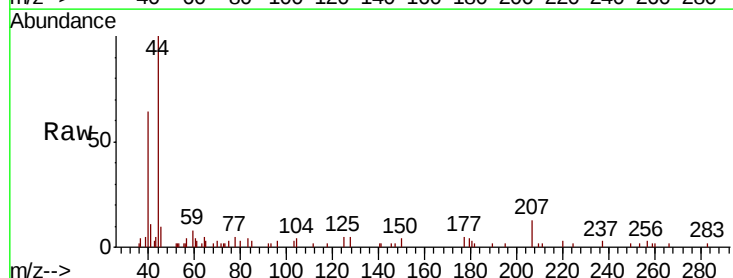
Tgt Ion:180 Resp: 88

Ion Ratio Lower Upper

180 100

182 0.0 50.3 150.9#

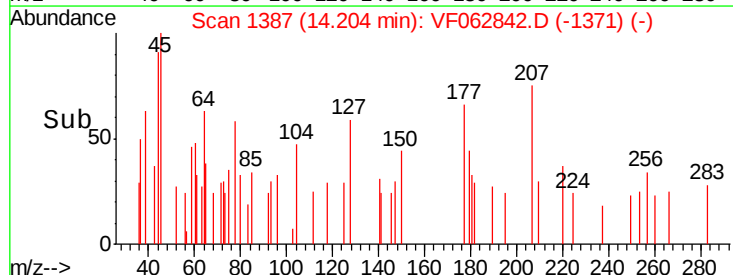
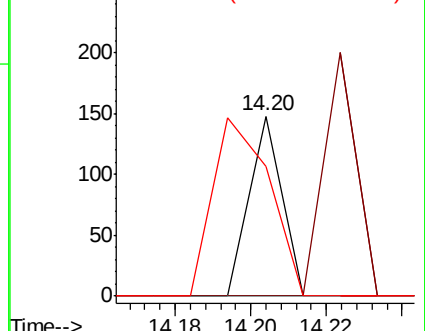
145 72.3 15.4 46.2#

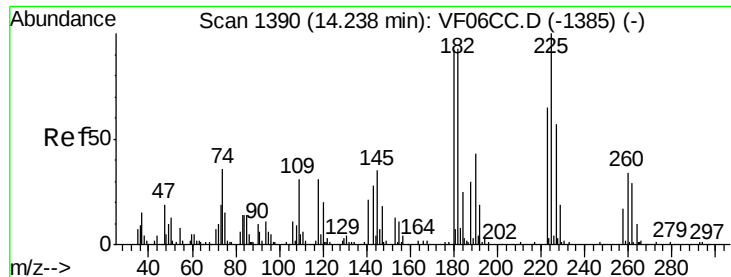


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#94

Hexachlorobutadiene

Concen: 15.585 ug/l

RT: 14.29 min Scan# 1396

Delta R.T. 0.05 min

Lab File: VF062842.D

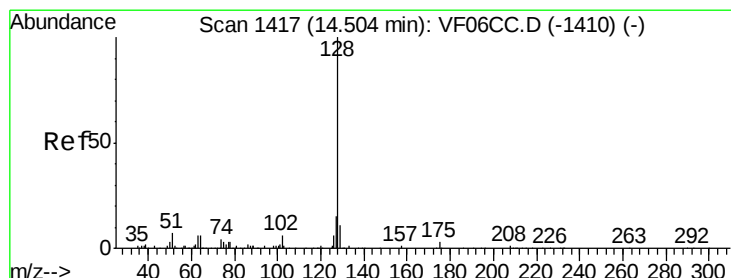
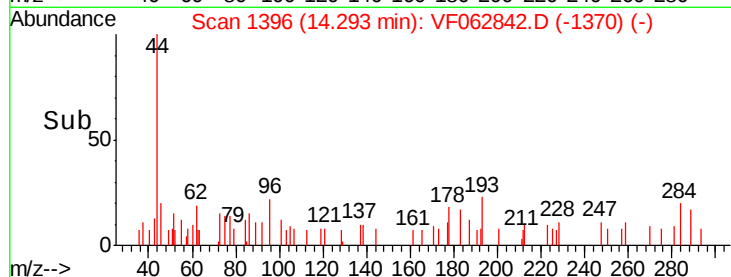
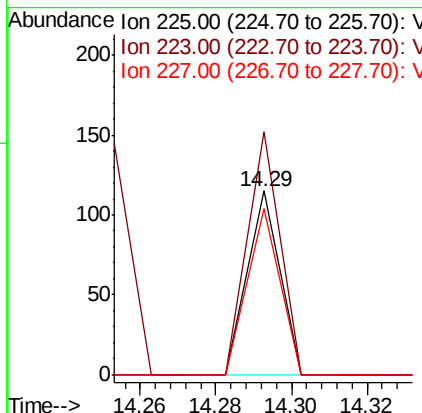
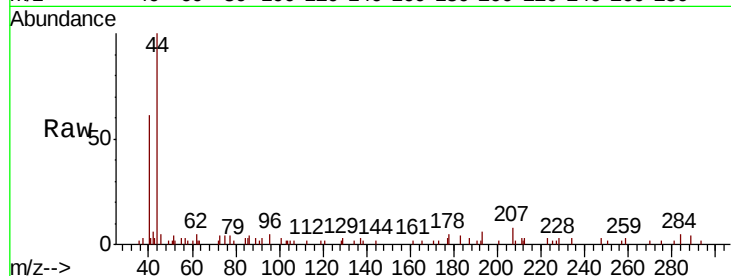
Acq: 4 Jun 2019 16:46

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	225	Resp:	68
Ion	Ratio	Lower	Upper
225	100		
223	132.2	30.8	92.4#
227	90.4	31.9	95.5



#95

Naphthalene

Concen: 12.194 ug/l

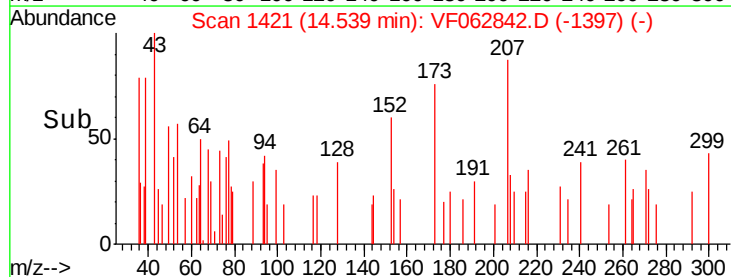
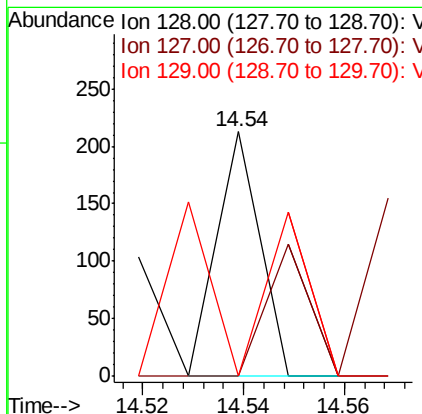
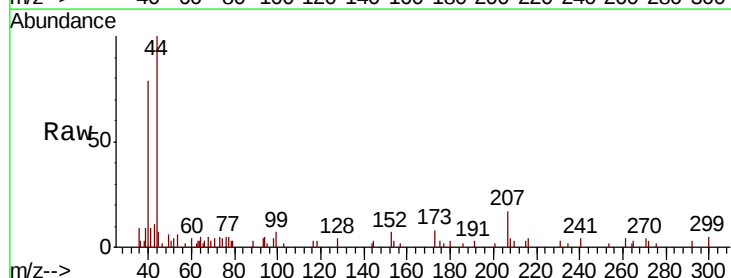
RT: 14.54 min Scan# 1421

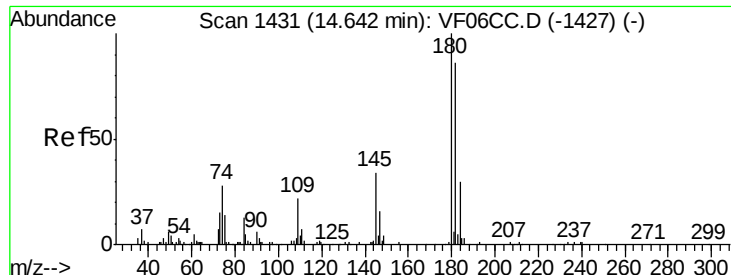
Delta R.T. 0.03 min

Lab File: VF062842.D

Acq: 4 Jun 2019 16:46

Tgt Ion:	128	Resp:	126
Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.7	14.5#
129	0.0	9.4	14.2#

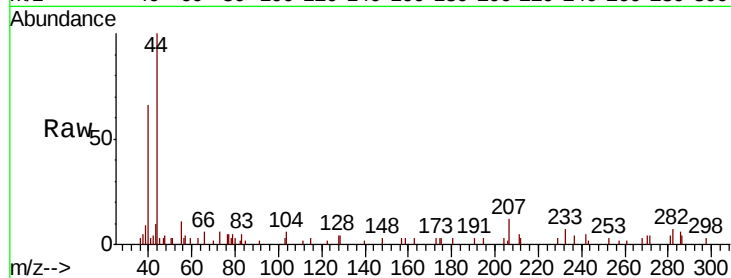




#96
 1,2,3-Trichlorobenzene
 Concen: 11.464 ug/l
 RT: 14.60 min Scan# 1427
 Delta R.T. -0.05 min
 Lab File: VF062842.D
 Acq: 4 Jun 2019 16:46

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.6	145.9#
145	0.0	15.7	47.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

